

The Road Inventory of Ace Basin National Wildlife Refuge Hollywood, SC



Prepared By:
Federal Highway Administration
Central Federal Lands Highway Division
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INTRODUCTION

The Transportation Equity Act for the 21st Century (Public Law 105-178) created the Refuge Roads Program. Refuge roads are those public roads that provide access to or within a unit of the National Wildlife Refuge System and for which title and maintenance responsibility is vested in the United States Government. Funds from the Highway Trust Fund are available for refuge roads and can be used by the station to pay the cost of:

- (a) Maintenance and improvements of refuge roads.
- (b) Maintenance and improvements of:
 - (1) Adjacent vehicle parking areas
 - (2) Provision for pedestrians and bicycles and
 - (3) Construction and reconstruction of roadside rest areas that are located in or adjacent to wildlife refuges
- (c) Administrative costs associated with such maintenance and improvements.

The funds available for refuge roads are to be disbursed based on the relative needs of the various refuges in the National Wildlife Refuge System, and taking into consideration:

- (a) The comprehensive conservation plan for each refuge;
- (b) The need for access as identified through land use planning; and
- (c) The impact of land use planning on existing transportation facilities.

To determine the relative needs of the U.S. Fish and Wildlife Service, the Federal Highway Administration (FHWA) was asked to inventory all public access roads and parking lots and provide a condition assessment of each. In 2008 the inventory was expanded to include administrative (service use only) roads and parking lots. An FHWA representative meets with refuge personnel to identify route segments and assign route numbers and functional classifications (See Appendix) for each route. All roads and parking lots are mapped using Trimble GPS units and visually assessed for condition using the RSL method of evaluation developed at Utah State University (See Appendix). Culverts, Gates, Guardrails and Low Water Crossings are also mapped and inspected for any obvious defects.

An estimate is provided, in year 2008 dollars, based on the condition determined by the rating system. Estimates are based upon data and location factors from the 2008 RS Means Heavy Construction Cost Data 22nd Annual Edition. Cost estimates should be evaluated on a case-by-case basis when being used for programming purposes.

Native Surfaced roads and parking lots already inventoried will not be re-inventoried and will not appear individually in report chapters 5, 6 and 8. Mileages and areas of native surfaced roads and parking lots will still appear in all summaries in the report and will remain in the road inventory database. In addition to this report, the FHWA will furnish the condition ratings of each route and segment to the Fish and Wildlife Service in a Microsoft Access database so the data can be included in their Real Property Inventory.

Ace Basin

Summaries

Route Miles and Percentages by Functional Class and Condition Condition Rating (Based on RSL)*

F.C.	Excellent		Good		Fair		Poor		Failed		Total
	Miles	%	Miles	%	Miles	%	Miles	%	Miles	%	Miles
I	0.00	0.0%	0.48	68.8%	0.22	31.2%	0.00	0.0%	0.00	0.0%	0.70
II	0.00	0.0%	0.07	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.07
III	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00
IV	0.00	0.0%	0.35	76.0%	0.11	24.0%	0.00	0.0%	0.00	0.0%	0.46
V	0.00	0.0%	21.16	43.5%	27.50	56.5%	0.00	0.0%	0.00	0.0%	48.66
Total	0.00	0.0%	22.06	44.2%	27.82	55.8%	0.00	0.0%	0.00	0.0%	49.89

*For a description of condition ratings for the various surface types see the Appendix.

Route Miles and Percentages by Surface Type and Condition Paved Condition Rating [Condition(RSL)]

Surface Type	Excellent		Good		Fair		Poor		Failed		Total
	Miles	%	Miles	%	Miles	%	Miles	%	Miles	%	Miles
AS	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00
CO	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00
Total	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00

Unpaved Condition Rating [Condition(RSL)]

Surface Type	Excellent		Good		Fair		Poor		Failed		Total
	Miles	%	Miles	%	Miles	%	Miles	%	Miles	%	Miles
GR	0.00	0.0%	3.20	58.2%	2.30	41.8%	0.00	0.0%	0.00	0.0%	5.50
NA	0.00	0.0%	17.71	41.3%	25.23	58.7%	0.00	0.0%	0.00	0.0%	42.94
PR	0.00	0.0%	1.15	79.5%	0.30	20.5%	0.00	0.0%	0.00	0.0%	1.45
Total	0.00	0.0%	22.06	44.2%	27.82	55.8%	0.00	0.0%	0.00	0.0%	49.89

Square Footage (Parking Areas) Condition Rating

Surface Type	Excellent		Good		Fair		Poor		Failed		Total
	Sq Ft	%	Sq Ft	%	Sq Ft	%	Sq Ft	%	Sq Ft	%	Sq Ft
AS	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
CO	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
GR	0	0.0%	74,414	61.4%	46,683	38.6%	0	0.0%	0	0.0%	121,097
NA	0	0.0%	25,771	87.4%	3,713	12.6%	0	0.0%	0	0.0%	29,484
PR	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Total	0	0.0%	100,185	67.0%	50,396	33.0%	0	0.0%	0	0.0%	150,581

Ace Basin Summaries

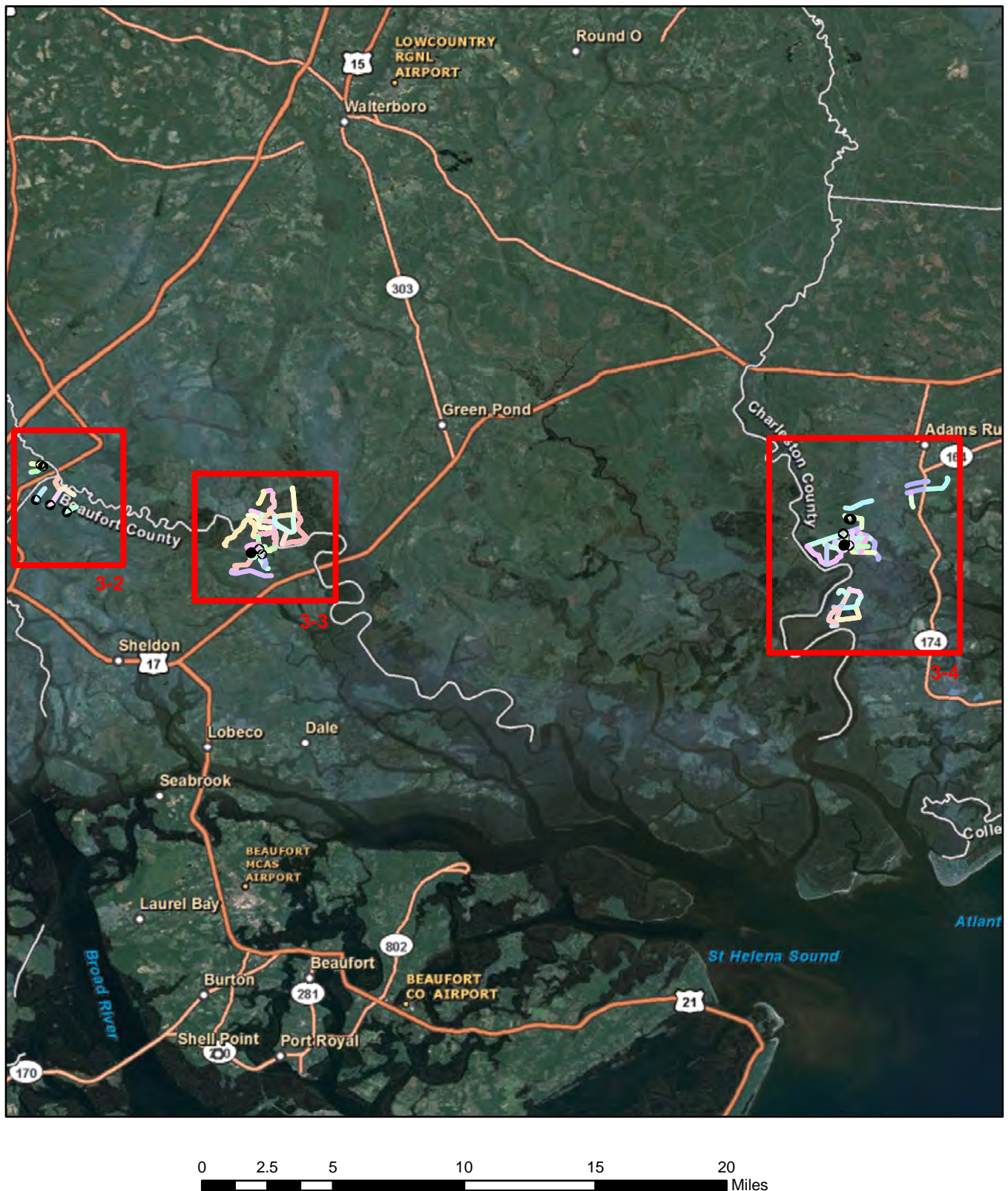
Route Miles and Percentages by Use Type and Condition
Road Condition Rating: Public/Administrative Use

Use Type	Excellent		Good		Fair		Poor		Failed		Total
	Miles	%	Miles	%	Miles	%	Miles	%	Miles	%	Miles
Admin	0.00	0.0%	21.51	43.8%	27.61	56.2%	0.00	0.0%	0.00	0.0%	49.12
Public	0.00	0.0%	0.55	71.7%	0.22	28.3%	0.00	0.0%	0.00	0.0%	0.77
Total	0.00	0.0%	22.06	44.2%	27.82	55.8%	0.00	0.0%	0.00	0.0%	49.89

Parking Condition Rating: Public/Administrative Use

Use Type	Excellent		Good		Fair		Poor		Failed		Total
	Sq Ft	%	Sq Ft	%	Sq Ft	%	Sq Ft	%	Sq Ft	%	Sq Ft
Admin	0	0.0%	74,414	86.4%	11,681	13.6%	0	0.0%	0	0.0%	86,095
Public	0	0.0%	25,771	40.0%	38,715	60.0%	0	0.0%	0	0.0%	64,486
Total	0	0.0%	100,185	66.5%	50,396	33.5%	0	0.0%	0	0.0%	150,581

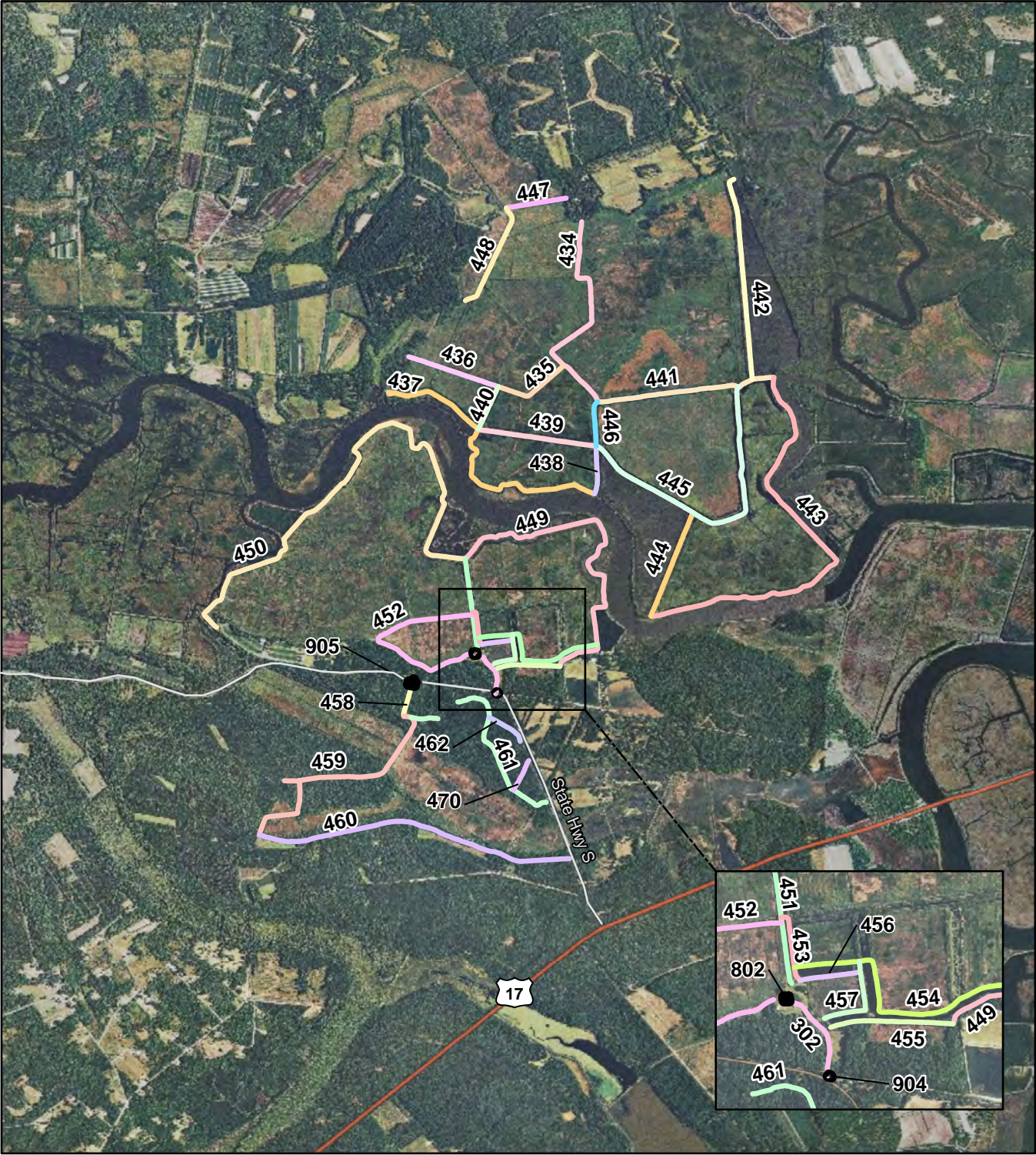
Ace Basin NWR ROUTE LOCATION MAP



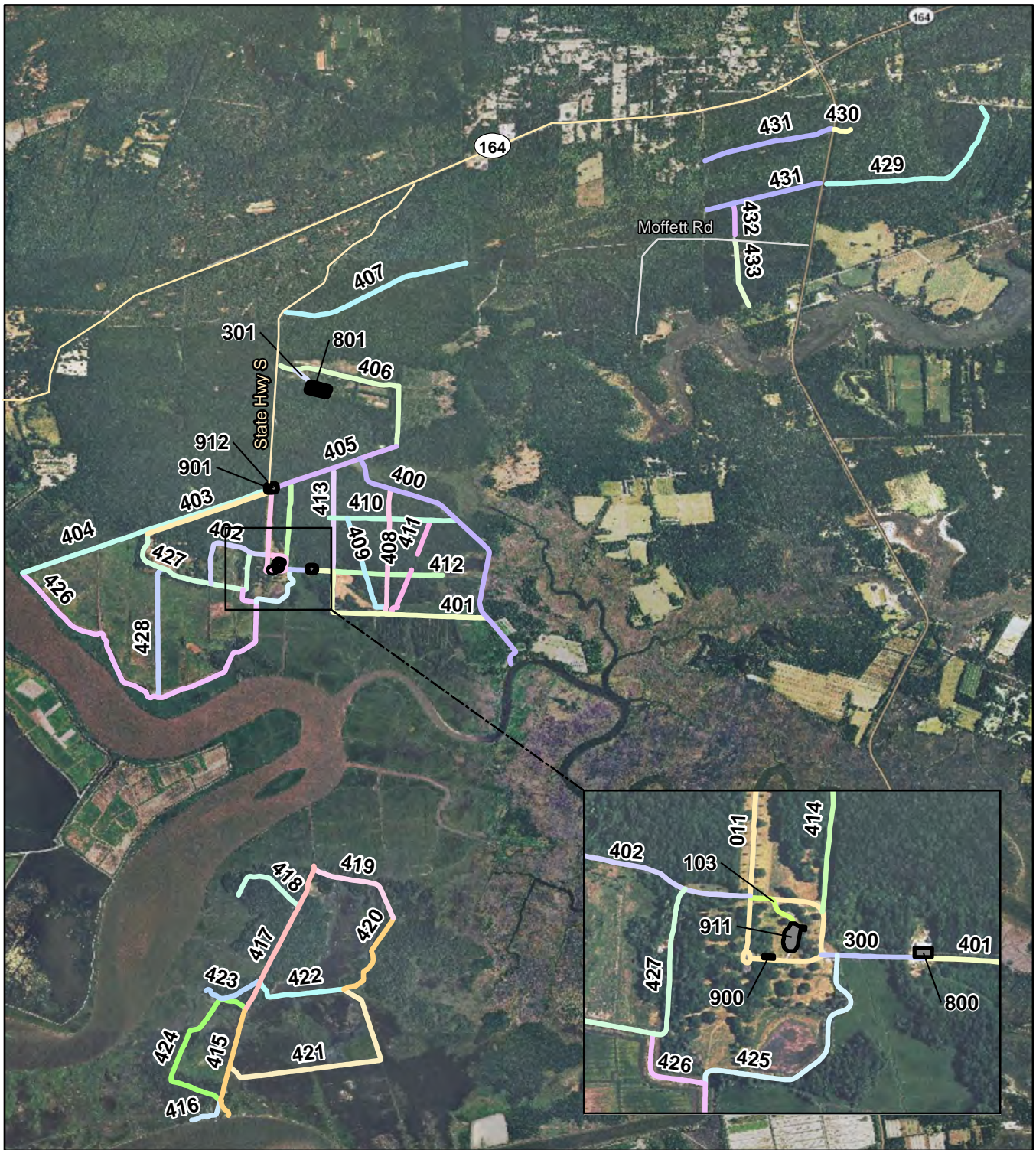
Ace Basin NWR
ROUTE LOCATION MAP 2



Ace Basin NWR
ROUTE LOCATION MAP 3



Ace Basin NWR ROUTE LOCATION MAP 4



Ace Basin - 42511 - ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes

Yellow = Unpaved Routes

RTE #	Asset Number	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MI	UN-PAVED MI	LANES	FC
011	10015784	Headquarters/ Visitors Center Entrance Road	0.70	From South of Entrance Gate Parking (Route 901) to South of Headquarters/Visitors Center Parking (Route 900) MP 0.5	0.00	0.70	1	1
103		Headquarters/ Visitors Center Main Parking Access	0.07	From East of Headquarters/ Visitors Center Entrance Road (Route 011), MP 0.4, to North of Visitor Access Parking (Route 911), MP 0.07	0.00	0.07	1	2
300	10015784	Old Shop Road	0.13	From Headquarters/ Visitors Center Entrance Road (Route 011) to Old Shop Parking (Route 800)	0.00	0.13	1	4
301		Shop Road	0.11	From Grove Upper Perimeter Road (Route 406) to Shop Parking (Route 801)	0.00	0.11	1	4
302	10015755	Bonny Hall Entrance Road	0.23	From River Road to Bonny Hall Shop Parking (Route 802)	0.00	0.23	1	4
400	10015789	Grove Perimeter Road	1.54	From Grove Road (Route 405) to Boat Landing	0.00	1.54	1	5
401	10015785	Grove Silo Road	1.05	From Grove Perimeter Road (Route 400) to Old Shop Parking (Route 800)	0.00	1.05	1	5
402		North Photo Blind Road	0.49	From Headquarters/ Visitors Center Entrance Road (Route 011) to Photo Blind Road (Route 427)	0.00	0.49	1	5
403	10015786	West Railroad Grade Grove Road	0.61	From Photo Blind Road (Route 427) to Entrance Gate Parking (Route 901)	0.00	0.61	1	5
404	10015783	Railroad Grade to Edisto River	1.25	From Entrance Gate Parking (Route 901) to River	0.00	1.25	1	5
405	10015790	Grove Road	0.62	From Entrance Gate Parking (Route 901) to Grove Road (Route 405)	0.00	0.62	1	5
406	10015782	Grove Upper Perimeter Road	0.92	From Grove Road (Route 405) to Jehossee Island Road	0.00	0.92	1	5
407	10015797	Grove Yellow Gate Road	0.92	From Jehossee Island Road to East Boundary	0.00	0.92	1	5
408	10015794	Grove Interior Road 4	0.70	From Grove Perimeter Road (Route 400) to Grove Silo Road (Route 401)	0.00	0.70	1	5
409	10015793	Grove Interior Road 1	0.56	From Grove Interior Road 4 (Route 408) to Grove Interior Road 2 (Route 409)	0.00	0.56	1	5
410	10015791	Grove Interior Road 2	0.60	From Grove Shell Road (Route 413) to Grove Perimeter Road (Route 400)	0.00	0.60	1	5
411	10015798	Grove Interior Road 3	0.49	From Grove Interior Road 2 (Route 410) to Grove Silo Road (Route 401)	0.00	0.49	1	5

Ace Basin - 42511 - ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes

Yellow = Unpaved Routes

RTE #	Asset Number	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MI	UN-PAVED MI	LANES	FC
412	10015780	Grove Interior Road	0.52	From marsh to Grove Silo Road (Route 401)	0.00	0.52	1	5
413	10015777	Grove Shell Road	0.56	From Grove Silot Road (Route 401) to end at ditch	0.00	0.56	1	5
414	10015787	Interior Road	0.41	From Headquarters/ Visitors Center Entrance Road (Route 011) to end at gate	0.00	0.41	1	5
415	10037759	Edisto River Road	0.61	From south dock to Slave Cabin Road (Route 417)	0.00	0.61	1	5
416	10037757	Bluff Road	0.20	From Edisto River Road (Route 415) to private land	0.00	0.20	1	5
417	10015811	Slave Cabin Road	0.88	From Edisto River Road (Route 415) to north dock	0.00	0.88	1	5
418	10015811	Live Oak Avenue Road	0.42	From Slave Cabin Road (Route 417) to plantation ruins	0.00	0.42	1	5
419	10015811	North Road	0.52	From Slave Cabin Road (Route 417) to East Island road (Route 420)	0.00	0.52	1	5
420	10015810	East Island Road	0.50	From North Road (Route 419) to Cistern Road (Route 422)	0.00	0.50	1	5
421	10015810	J2 Dike Road	1.20	From East Island Road (Route 420) to Edisto River Road (Route 415)	0.00	1.20	1	5
422	10015810	Cistern Road	0.45	From Slave Cabin Road (Route 417) to East Island Road (Route 420)	0.00	0.45	1	5
423		West Vista Road	0.31	From Slave Cabin Road (Route 417) to marsh	0.00	0.31	1	5
424		May Bank Road	0.94	From Edisto Road (Route 415) to Edisto River Road (Route 415)	0.00	0.94	1	5
425		Alexander Pond	0.33	From Old Shop Road (Route 300) to Grove Impoundment Dike (Route 426)	0.00	0.33	1	5
426		Grove Impoundment Dike	1.95	From Alexander Pond (Route 425) to Railroad Grade to Edisto River (Route 404)	0.00	1.95	1	5
427		Photo Blind Road	0.90	From Railroad Grade to Edisto River (Route 404) to North Photo Blind Road (Route 402)	0.00	0.90	1	5
428		Cross Dike	0.72	From Photo Blind Road (Route 427) to Grove Impoundment Dike (Route 426)	0.00	0.72	1	5
429	10043892	Barrelville Road 1	1.03	From State Highway 174 to north boundary	0.00	1.03	1	5
430	10043893	Barrelville Road 2	0.08	From State Highway 174 to end	0.00	0.08	1	5
431	10043894	Barrelville Road 3	1.18	From State Highway 174 to west boundary	0.00	0.63	1	5

Ace Basin - 42511 - ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes

Yellow = Unpaved Routes

RTE #	Asset Number	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MI	UN-PAVED MI	LANES	FC
432	10043896	Barrelville Road 5	0.18	From Barrelville Road 4 (Route 431) to Moffett Road	0.00	0.18	1	5
433	10043897	Barrelville Road 6	0.37	From Moffitt Road to south boundary	0.00	0.37	1	5
434	10015844	Combahee Fields Dike 94	1.08	From private residence to Combahee Fields Dike 97 (Route 441)	0.00	1.08	1	5
435	10015845	Combahee Fields Dike 95	0.35	From Combahee Fields Dike 94 (Route 434) to Combahee Fields Dike 158 (Route 440)	0.00	0.35	1	5
436	10015849	Combahee Fields Dike 158	0.40	From Combahee Fields Dike 158 (Route 440) to west boundary	0.00	0.40	1	5
437	10015843	Combahee Fields Dike 93	1.30	From west boundary to Combahee Fields Dike 96 (Route 438)	0.00	1.30	1	5
438	10015846	Combahee Fields Dike 96	0.23	From Combahee Fields Dike 93 (Route 437) to Combahee Fields Dike 99 (Route 445)	0.00	0.23	1	5
439	10015848	Combahee Fields Dike 98	0.50	From Combahee Fields Dike 96 (Route 438) to Combahee Fields Dike 158 (Route 440)	0.00	0.50	1	5
440	10015849	Combahee Fields Dike 158	0.22	From Combahee Fields Dike 93 (Route 437) to Combahee Fields Dike 95 (Route 435)	0.00	0.22	1	5
441	10015847	Combahee Fields Dike 97	0.75	From Combahee Fields Dike 96 (Route 438) to Combahee Fields Dike 93 (Route 443)	0.00	0.75	1	5
442	10015850	Combahee Fields Dike 100	1.00	From Combahee Fields Dike 97 (Route 441) to north boundary	0.00	1.00	1	5
443	10015843	Combahee Fields Dike 93	1.92	From Combahee Fields Dike 97 (Route 441) to Combahee Fields Dike 126 (Route 444)	0.00	1.92	1	5
444	10015876	Combahee Fields Dike 126	0.54	From Combahee Fields Dike 93 (Route 443) to Combahee Fields Dike 99 (Route 445)	0.00	0.54	1	5
445	10015849	Combahee Fields Dike 99	1.39	From Combahee Fields Dike 97 (Route 441) to Combahee Fields Dike 96 (Route 438)	0.00	1.39	1	5
446	10045722	Combahee Fields Dike 155	0.23	From Combahee Fields Dike 98 (Route 439) to Combahee Fields Dike 97 (Route 441)	0.00	0.23	1	5
447	10045723	Combahee Fields Dike 156	0.25	From private residence to Combahee Fields Dike 157 (Route 448)	0.00	0.25	1	5
448	10045724	Combahee Fields Dike 157	0.52	From Combahee Fields Dike (Route 447) to west boundary	0.00	0.52	1	5
449	10045756	Bonny Hall Dike 5	1.58	From Bonny Hall Dike 8 (Route 455) to Bonny Hall Dike 6 (Route 450)	0.00	1.58	1	5

Ace Basin - 42511 - ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes

Yellow = Unpaved Routes

RTE #	Asset Number	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MI	UN-PAVED MI	LANES	FC
450	10045757	Bonny Hall Dike 6	2.38	From Bonny Hall Dike 5 (Route 449) to private land	0.00	2.38	1	5
451	10045757	Bonny Hall Dike 1	0.43	From Bonny Hall Dike 5 (Route 449) to shop area	0.00	0.43	1	5
452	10015873	Bonny Hall Dike 2	0.88	From Bonny Hall Dike 1 (Route 451) to Bonny Hall Shop Parking (Route 802)	0.00	0.88	1	5
453	10015758	Bonny Hall Dike 7	0.17	From Bonny Hall Dike 9 (Route 456) to Bonny Hall Dike 1 (Route 451)	0.00	0.17	1	5
454		Bonny Hall Dike 3	0.63	From Bonny Hall Dike 5 (Route 449) to Bonny Hall Dike 7 (Route 453)	0.00	0.63	1	5
455		Bonny Hall Dike 8	0.26	From Bonny Hall Dike 5 (Route 449) to Bonny Hall Entrance Road (Route 302)	0.00	0.26	1	5
456		Bonny Hall Dike 9	0.13	From Bonny Hall Dike 7 (Route 453) to Bonny Hall Dike 4 (Route 457)	0.00	0.13	1	5
457		Bonny Hall Dike 4	0.21	From Bonny Hall Dike 3 (Route 454) to Bonny Hall Entrance Road (Route 302)	0.00	0.21	1	5
458	10015831	Bonny Hall Pecan Grove Road	0.16	From Pecan Grove Parking (Route 905) to Bonny Hall B6/B7 Road (Route 459)	0.00	0.16	1	5
459	10015832	Bonny Hall B6/B7 Road	1.14	From Bonny Hall Pecan Grove Road (Route 459) to west boundary	0.00	1.14	1	5
460		Bonny Hall Road	1.35	From Bonny Hall B6/B7 Road (Route 459), to East Boundary	0.00	1.35	1	5
461	10015759	Bonny Hall B6 Perimeter Road	0.88	From River Road to Bonny Hall B6/B7 Road (Route 459)	0.00	0.88	1	5
462	10015759	Bonny Hall B6 Perimeter Spur Road	0.18	From Bonny Hall B6 Perimeter Road (Route 461) to River Road	0.00	0.18	1	5
463	10015835	Upper Combahae Road 1	0.30	From Upper Combahae Parking 1 (Route 910) to problem area	0.00	0.30	1	5
464	10015836	Upper Combahae Road 2	0.49	From Upper Combahae Parking 2 (Route 909) to end	0.00	0.49	1	5
465	10015841	Upper Combahae Road 3	0.52	From Lower Road Parking (Route 908) to end	0.00	0.52	1	5
466	10015839	Upper Combahae Road 4	0.63	From Middle Road Parking (Route 907) to Upper Combahae Road 5 (Route 467)	0.00	0.63	1	5
467	10015838	Upper Combahae Road 5	0.58	From Upper Combahae Road 4 (Route 466) to end	0.00	0.58	1	5
468	10015840	Upper Combahae Road 6	0.57	From Upper Combahae Road 4 (Route 466) to end	0.00	0.57	1	5
469	10015837	Upper Combahae Road 7	0.37	Upper Combahae Parking (Route 906) to end	0.00	0.37	1	5

Ace Basin - 42511 - ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes
Yellow = Unpaved Routes

RTE #	Asset Number	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MI	UN-PAVED MI	LANES	FC
470		Bonny Hall Perimeter Entrance Road	0.16	From River Road to Bonny Hall B6 Perimeter Road (Route 461)	0.00	0.16	1	5
471	10043895	Barrelville Road 4	1.18	From State Highway 174 to west boundary	0.00	0.55	1	5

Ace Basin - 42511 - ROUTE IDENTIFICATION LIST (PARKING)

Shading Color Key:

White = Paved Parking Lots

Green = Unpaved Parking Lots

RTE #	Asset Number	ROUTE NAME	RTE SQFT	ROUTE DESCRIPTION	PAVED SQFT	UNPAVED SQFT
800		Old Shop Parking	7,619		0.00	7,619
801		Shop Parking	74,414		0.00	74,414
802		Bonny Hall Shop Parking	4,062		0.00	4,062
900	10037749	Headquarters/Visitors Center Parking	1,661		0.00	1,661
901	10015869	Entrance Gate Parking	7,687		0.00	7,687
904	10015866	Bonny Hall Angler Parking	862		0.00	862
905	10015866	Pecan Grove Parking	15,265		0.00	15,265
906	10037751	Upper Combahee Parking	2,572		0.00	2,572
907	10037751	Middle Road Parking	6,348		0.00	6,348
908	10037751	Lower Road Parking	2,198		0.00	2,198
909	10037752	Upper Combahee Parking #2	2,040		0.00	2,040
910	10037752	Upper Combahee Parking #1	1,515		0.00	1,515
911	10043845	Visitor Access Parking	18,076		0.00	18,076
912	10015869	Entrance Gate Parking 2	6,262		0.00	6,262

CHANGES TO THE FISH AND WILDLIFE SERVICE ROAD INVENTORY REPORT

Ace Basin

Routes added to previous inventory*:		
Rte #	Rte Name	Reason for Addition
300	Old Shop Road	Administrative
301	Shop Road	Administrative
302	Bonny Hall Entrance Road	Administrative
400	Grove Perimeter Road	Administrative
401	Grove Silo Road	Administrative
402	North Photo Blind Road	Administrative
403	Grove Adjacent to West Railroad Grade	Administrative
404	Railroad Grade to Edisto River	Administrative
405	Grove Road	Administrative
406	Grove Upper Perimeter Road	Administrative
407	Grove Yellow Gate Road	Administrative
408	Grove Interior Road 4	Administrative
409	Grove Interior Road 1	Administrative
410	Grove Interior Road 2	Administrative
411	Grove Interior Road 3	Administrative
412	Grove Interior Road	Administrative
413	Grove Shell Road	Administrative
414	Interior Road	Administrative
415	Edisto River Dock Road	Administrative
416	Bluff Road	Administrative
417	Slave Cabin Road Road	Administrative
418	Live Oak Avenue Road	Administrative
419	North Road	Administrative
420	East Island Road	Administrative
421	J2 Dike Road	Administrative
422	Cistern Road	Administrative
423	West Vista Road	Administrative
424	May Bank Road	Administrative
425	Alexander Pond	Administrative
426	Grove Impoundment Dike	Administrative
427	Photo Blind Road	Administrative
428	Cross Dike	Administrative
429	Barrelville Road 1	Administrative
430	Barrelville Road 2	Administrative
431	Barrelville Road 3	Administrative
431	Barrelville Road 4	Administrative
432	Barrelville Road 5	Administrative
433	Barrelville Road 6	Administrative
434	Combahee Fields Dike 94	Administrative
435	Combahee Fields Dike 95	Administrative
436	Combahee Fields Dike 158	Administrative
437	Combahee Fields Dike 93	Administrative
438	Combahee Fields Dike 96	Administrative
439	Combahee Fields Dike 98	Administrative
440	Combahee Fields Dike 158	Administrative
441	Combahee Fields Dike 97	Administrative
442	Combahee Fields Dike 100	Administrative
443	Combahee Fields Dike 93	Administrative
444	Combahee Fields Dike 126	Administrative
445	Combahee Fields Dike 99	Administrative
446	Combahee Fields Dike 155	Administrative
447	Combahee Fields Dike 156	Administrative
448	Combahee Fields Dike 157	Administrative

449	Bonny Hall Dike 5	Administrative
450	Bonny Hall Dike 6	Administrative
451	Bonny Hall Dike 1	Administrative
452	Bonny Hall Dike 2	Administrative
453	Bonny Hall Dike 7	Administrative
454	Bonny Hall Dike 3	Administrative
455	Bonny Hall Dike 8	Administrative
456	Bonny Hall Dike 9	Administrative
457	Bonny Hall Dike 4	Administrative
458	Bonny Hall Pecan Grove Road	Administrative
459	Bonny Hall B6/B7 Road	Administrative
460	Bonny Hall Road	Administrative
461	Bonny Hall B6 Perimeter Road	Administrative
462	Bonny Hall B6 Perimeter Spur Road	Administrative
463	Upper Combahae Road 1	Administrative
464	Upper Combahae Road 2	Administrative
465	Upper Combahae Road 3	Administrative
466	Upper Combahae Road 4	Administrative
467	Upper Combahae Road 5	Administrative
468	Upper Combahae Road 6	Administrative
469	Upper Combahae Road 7	Administrative
470	Bonny Hall Perimeter Entrance Road	Administrative
800	Old Shop Parking	Administrative
801	Shop Parking	Administrative
802	Bonny Hall Shop Parking	Administrative
912	Entrance Gate Parking 2	Public

Routes removed from previous inventory:

Rte #	Rte Name	Reason for Removal

Routes modified from previous inventory:

Rte #	Rte Name	Type of Modification	Description of Modification
011	Headquarters/ Visitors Center Entrance Road	Geometry Change	
901	Entrance Gate Parking	Public	
905	Pecan Grove Parking	Public	

Comments:

Route 912 - Formerly Part of 911



Route: 011 Headquarters/ Visitors Center Entrance Road

Total Route Length: **0.70 Miles**

Route Description: From South of Entrance Gate Parking (Route 901) to South of Headquarters/Visitors Center Parking (Route 900) MP 0.5

Asset Number	10015784	10015784
Section Number	001	002
Section Length (miles)	0.48	0.22
Inspection Date	04/08/2010	04/08/2010
Section Information		
Surface Type	Gravel	Gravel
Number of Lanes	1	1
Roadway Width (feet)	12.00	12.00
Roadway Condition Information		
Condition	Good	Fair
Remaining Service Life (years)	7	4
Cost Estimate	700	700
CRV	311,100.00	140,900.00



Route: 103 Headquarters/ Visitors Center Main Parking Access

Total Route Length: **0.07 Miles**

Route Description: From East of Headquarters/ Visitors Center Entrance Road (Route 011), MP 0.4, to North of Visitor Access Parking (Route 911), MP 0.07

Asset Number	
Section Number	001
Section Length (miles)	0.07
Inspection Date	04/08/2010
Section Information	
Surface Type	Gravel
Number of Lanes	1
Roadway Width (feet)	14.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	100
CRV	46,200.00



Route: 300 Old Shop Road

Total Route Length: **0.13 Miles**

Route Description: From Headquarters/ Visitors Center Entrance Road (Route 011) to Old Shop Parking (Route 800)

Asset Number	10015784
Section Number	001
Section Length (miles)	0.13
Inspection Date	04/09/2010
Section Information	
Surface Type	Gravel
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	200
CRV	82,200.00



Route: 301 Shop Road

Total Route Length: **0.11 Miles**

Route Description: From Grove Upper Perimeter Road (Route 406) to Shop Parking (Route 801)

Asset Number	
Section Number	001
Section Length (miles)	0.11
Inspection Date	04/09/2010
Section Information	
Surface Type	Gravel
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	400
CRV	72,400.00

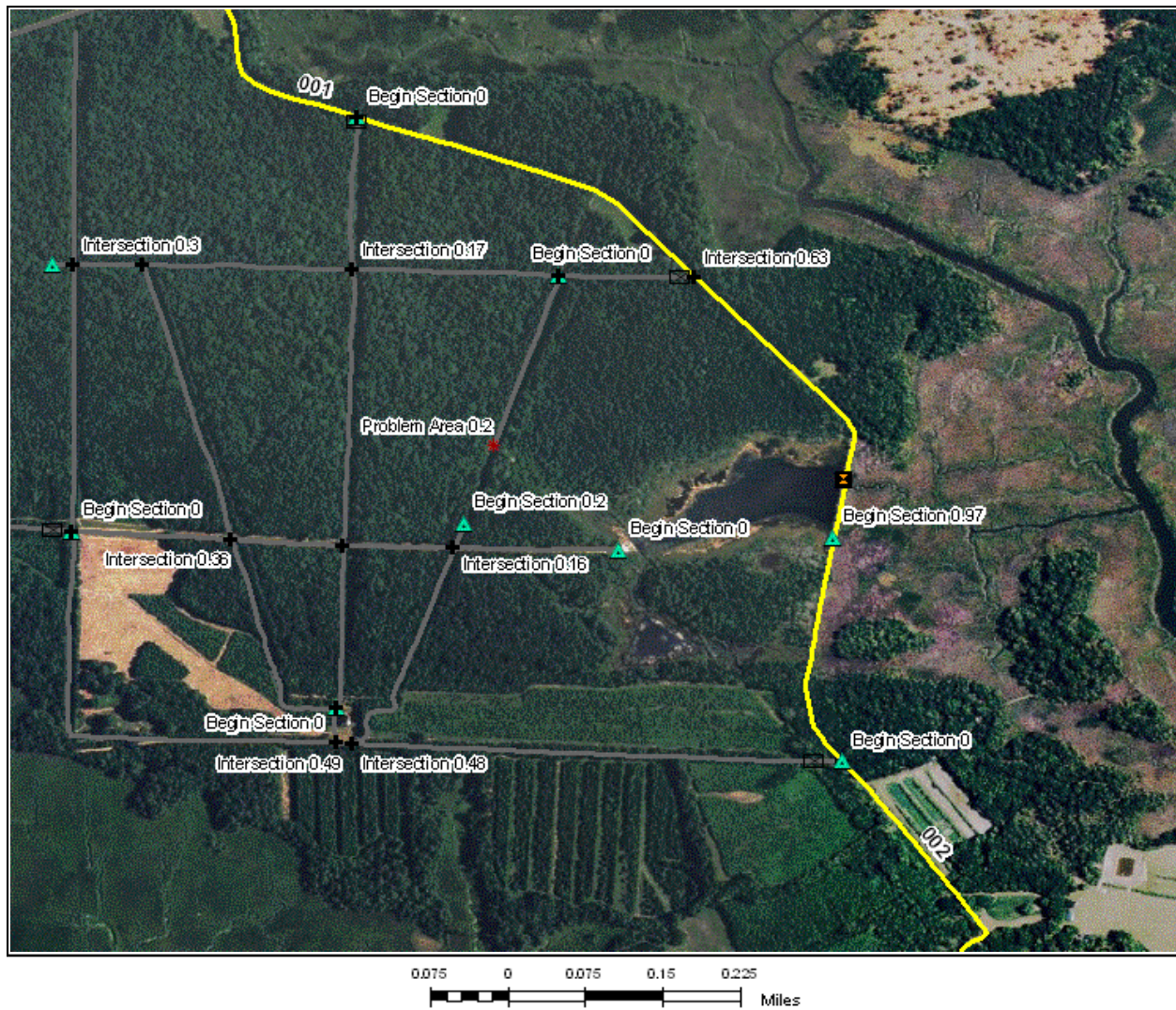


Route: 302 Bonny Hall Entrance Road

Total Route Length: **0.23 Miles**

Route Description: From River Road to Bonny Hall Shop Parking (Route 802)

Asset Number	10015755
Section Number	001
Section Length (miles)	0.23
Inspection Date	04/10/2010
Section Information	
Surface Type	Gravel
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	300
CRV	146,900.00

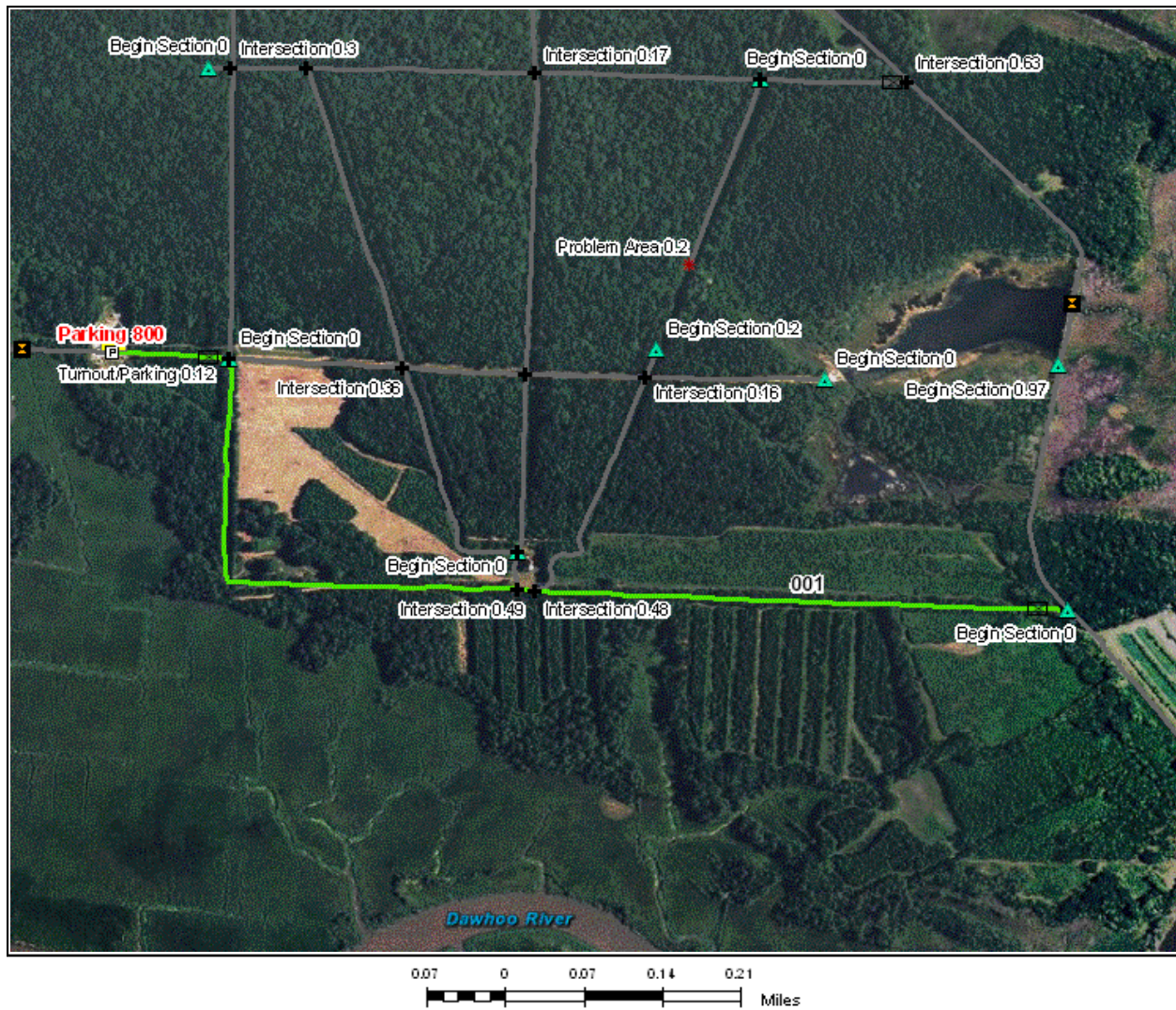


Route: 400 Grove Perimeter Road

Total Route Length: **1.54 Miles**

Route Description: From Grove Road (Route 405) to Boat Landing

Asset Number	10015789	10015789
Section Number	001	002
Section Length (miles)	0.97	0.58
Inspection Date	04/08/2010	04/08/2010
Section Information		
Surface Type	Gravel	Gravel
Number of Lanes	1	1
Roadway Width (feet)	12.00	12.00
Roadway Condition Information		
Condition	Fair	Fair
Remaining Service Life (years)	4	4
Cost Estimate	3,200	1,900
CRV	627,700.00	373,200.00



Route: 401 Grove Silo Road

Total Route Length: 1.05 Miles

Route Description: From Grove Perimeter Road (Route 400) to Old Shop Parking (Route 800)

Asset Number	10015785
Section Number	001
Section Length (miles)	1.05
Inspection Date	04/08/2010
Section Information	
Surface Type	Gravel
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	1,600
CRV	681,900.00

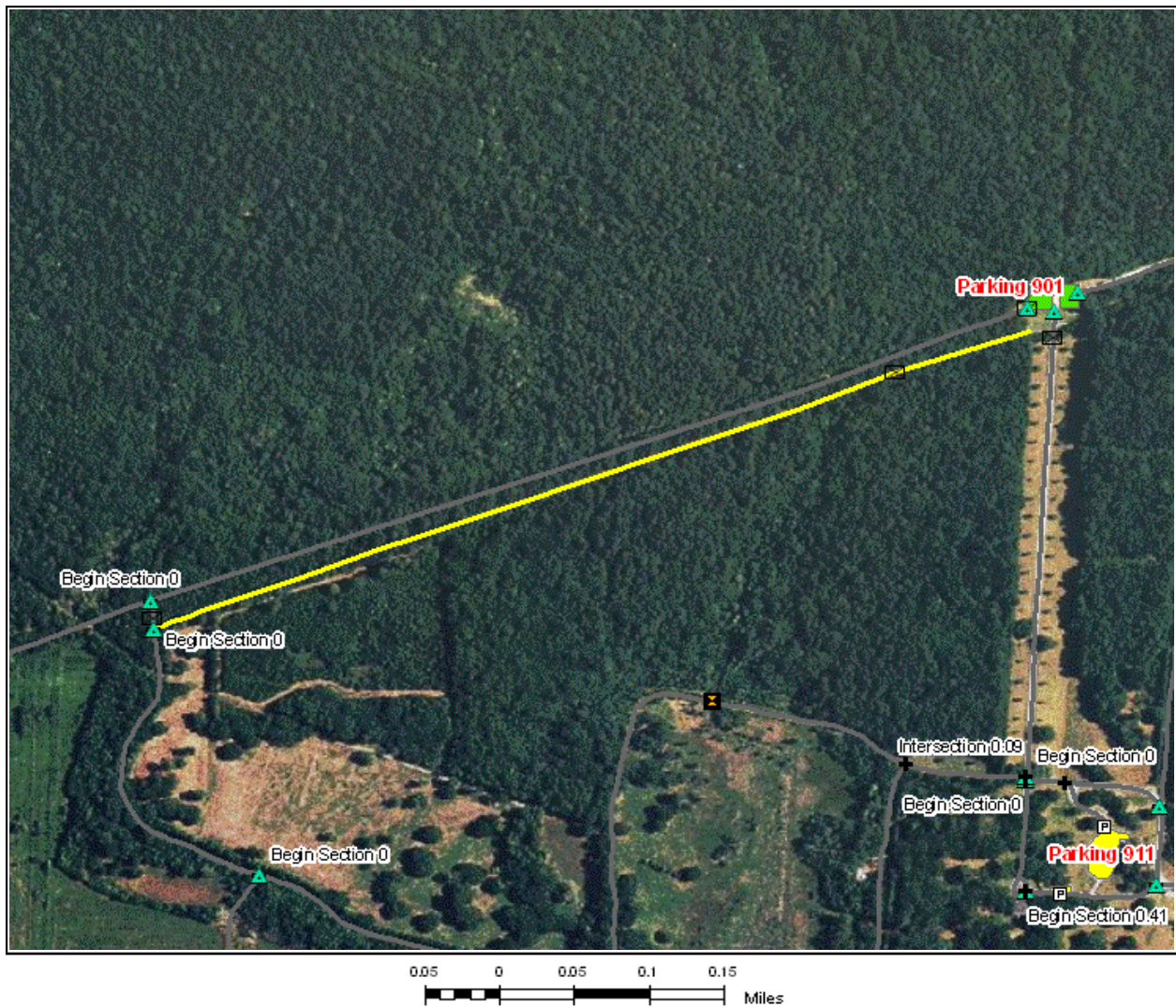


Route: 402 North Photo Blind Road

Total Route Length: **0.49 Miles**

Route Description: From Headquarters/ Visitors Center Entrance Road (Route 011) to Photo Blind Road (Route 427)

Asset Number	
Section Number	001
Section Length (miles)	0.49
Inspection Date	04/08/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,000
CRV	164,100.00

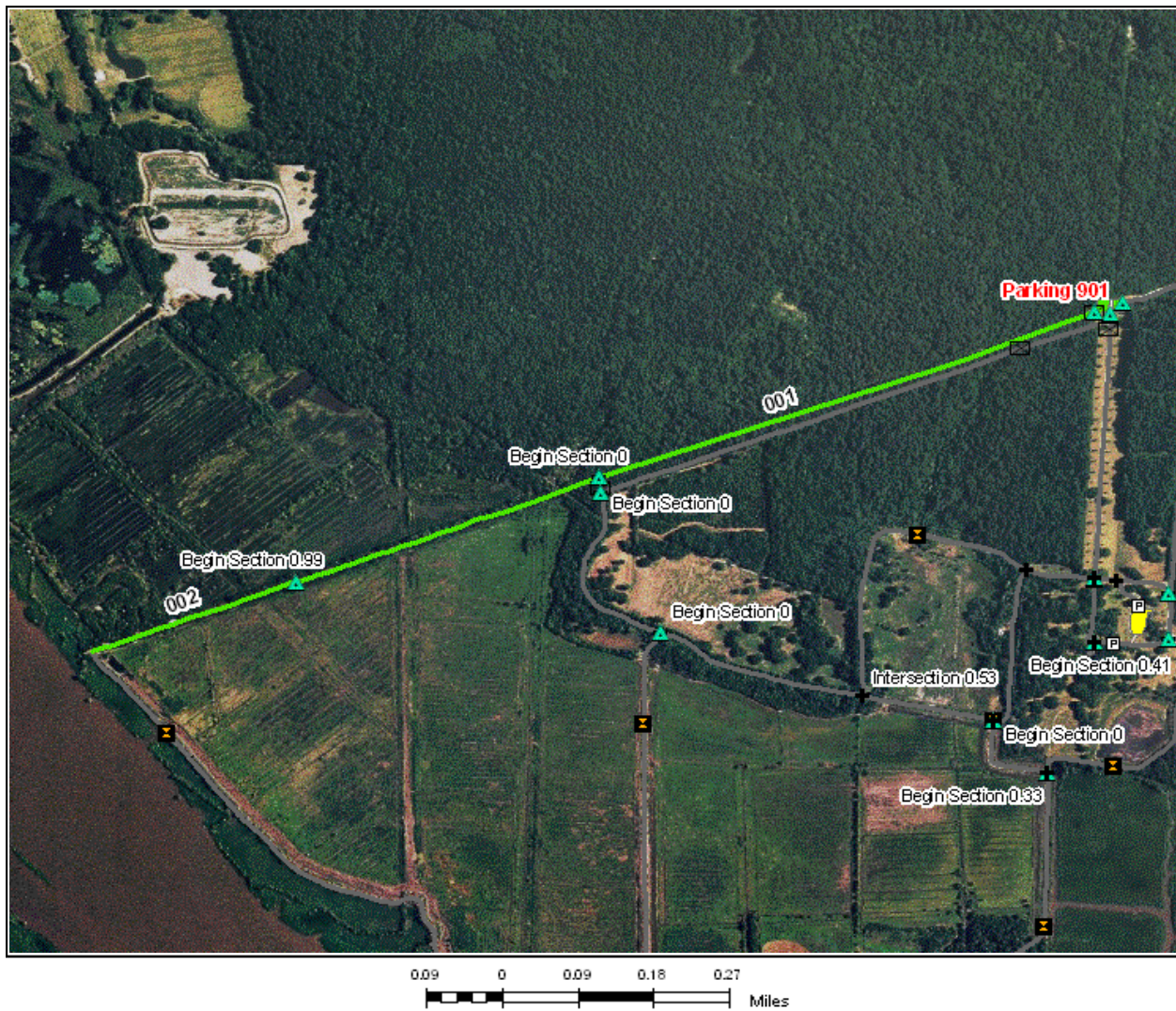


Route: 403 West Railroad Grade Grove Road

Total Route Length: **0.61 Miles**

Route Description: From Photo Blind Road (Route 427) to Entrance Gate Parking (Route 901)

Asset Number	10015786
Section Number	001
Section Length (miles)	0.61
Inspection Date	04/08/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,200
CRV	206,200.00

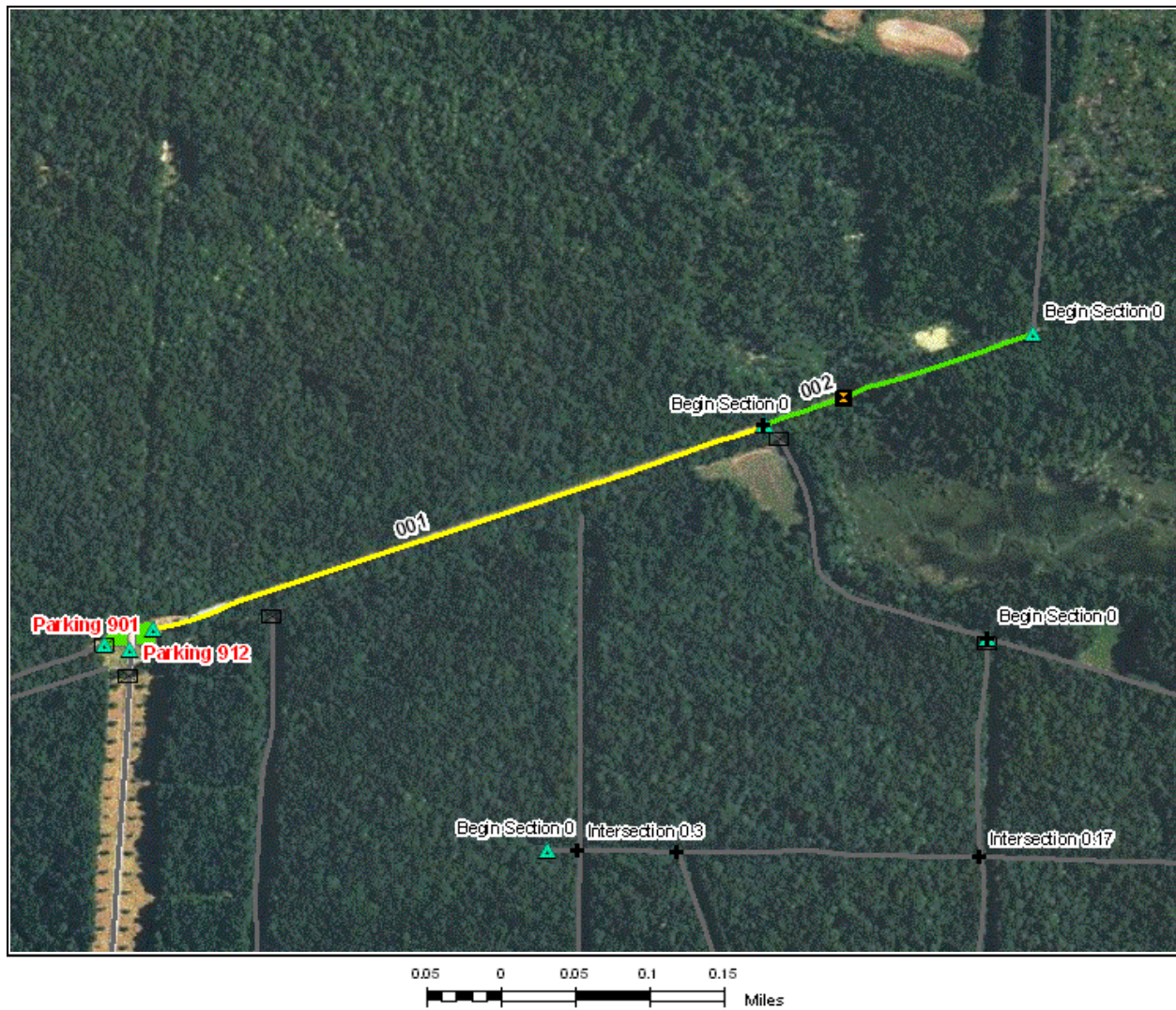


Route: 404 Railroad Grade to Edisto River

Total Route Length: 1.25 Miles

Route Description: From Entrance Gate Parking (Route 901) to River

Asset Number	10015783	10015783
Section Number	001	002
Section Length (miles)	0.99	0.25
Inspection Date	04/08/2010	04/08/2010
Section Information		
Surface Type	Gravel	Gravel
Number of Lanes	1	1
Roadway Width (feet)	12.00	12.00
Roadway Condition Information		
Condition	Good	Good
Remaining Service Life (years)	7	7
Cost Estimate	1,500	400
CRV	643,000.00	165,100.00

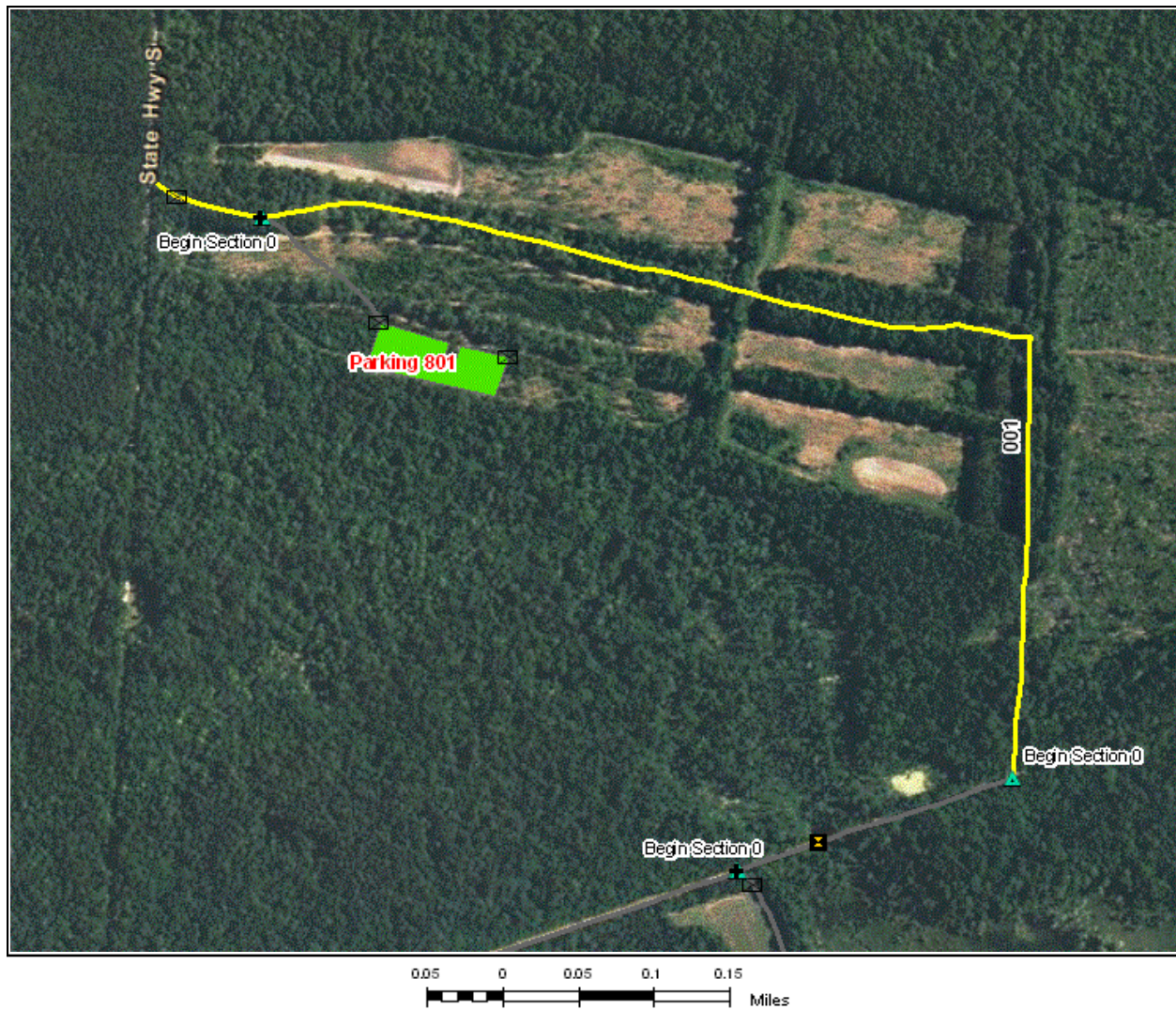


Route: 405 Grove Road

Total Route Length: **0.62 Miles**

Route Description: From Entrance Gate Parking (Route 901) to Grove Road (Route 405)

Asset Number	10015790	10015790
Section Number	001	002
Section Length (miles)	0.43	0.19
Inspection Date	04/08/2010	04/08/2010
Section Information		
Surface Type	Gravel	Native
Number of Lanes	1	1
Roadway Width (feet)	12.00	12.00
Roadway Condition Information		
Condition	Fair	Good
Remaining Service Life (years)	4	5
Cost Estimate	1,400	300
CRV	278,100.00	63,400.00

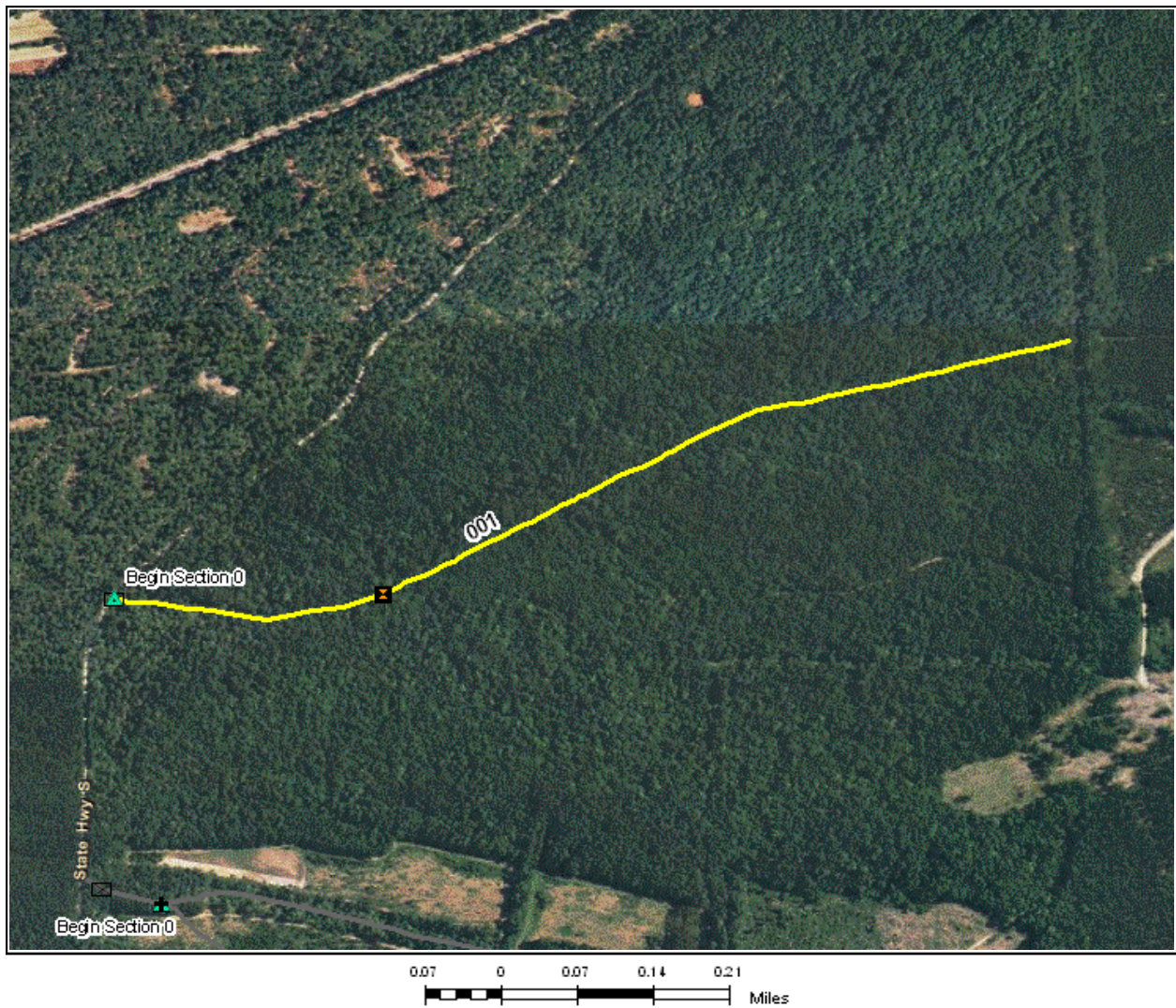


Route: 406 Grove Upper Perimeter Road

Total Route Length: **0.92 Miles**

Route Description: From Grove Road (Route 405) to Jehossee Island Road

Asset Number	10015782
Section Number	001
Section Length (miles)	0.92
Inspection Date	04/08/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,900
CRV	307,200.00

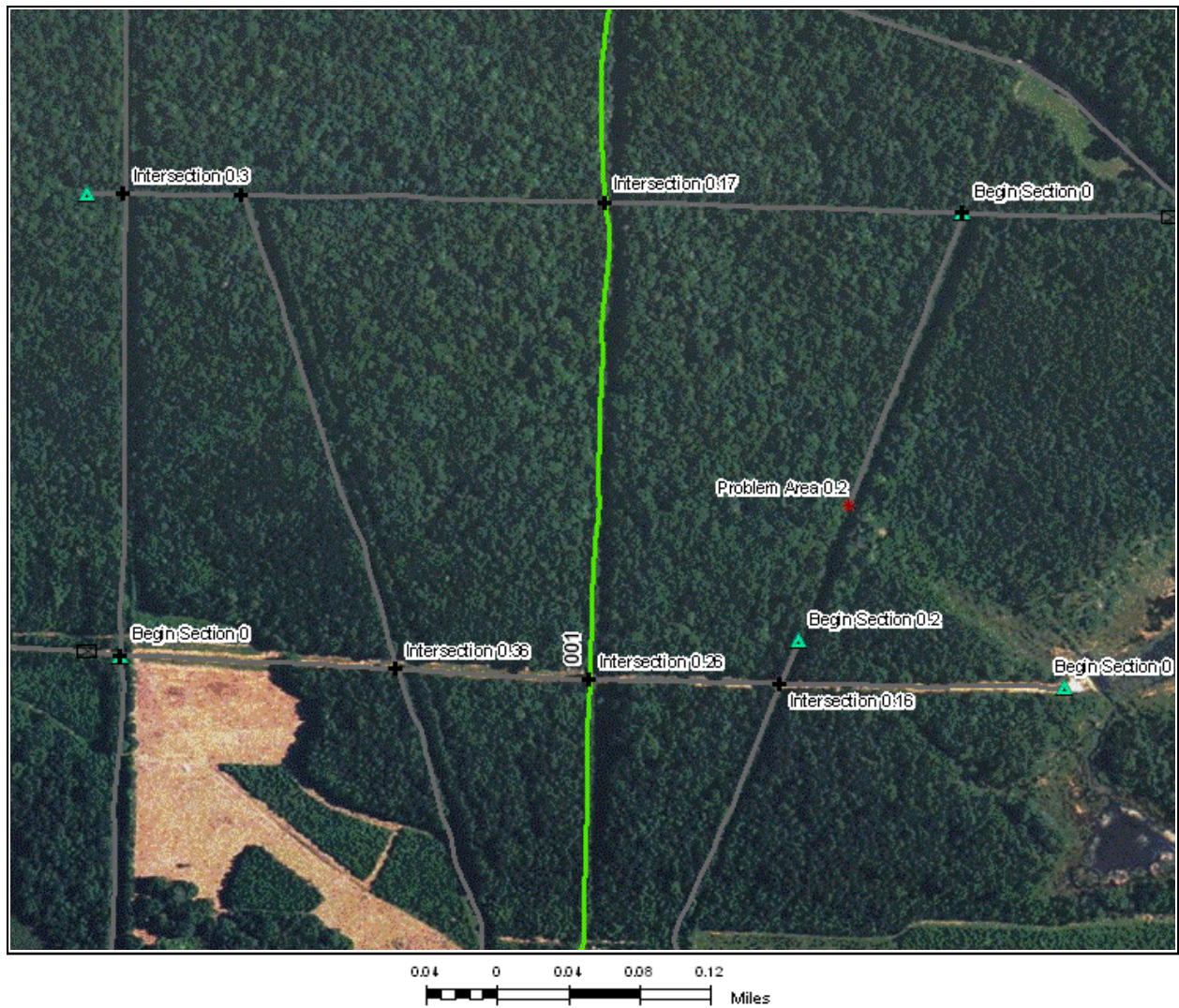


Route: 407 Grove Yellow Gate Road

Total Route Length: **0.92 Miles**

Route Description: From Jehossee Island Road to East Boundary

Asset Number	10015797
Section Number	001
Section Length (miles)	0.92
Inspection Date	04/08/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,900
CRV	308,400.00

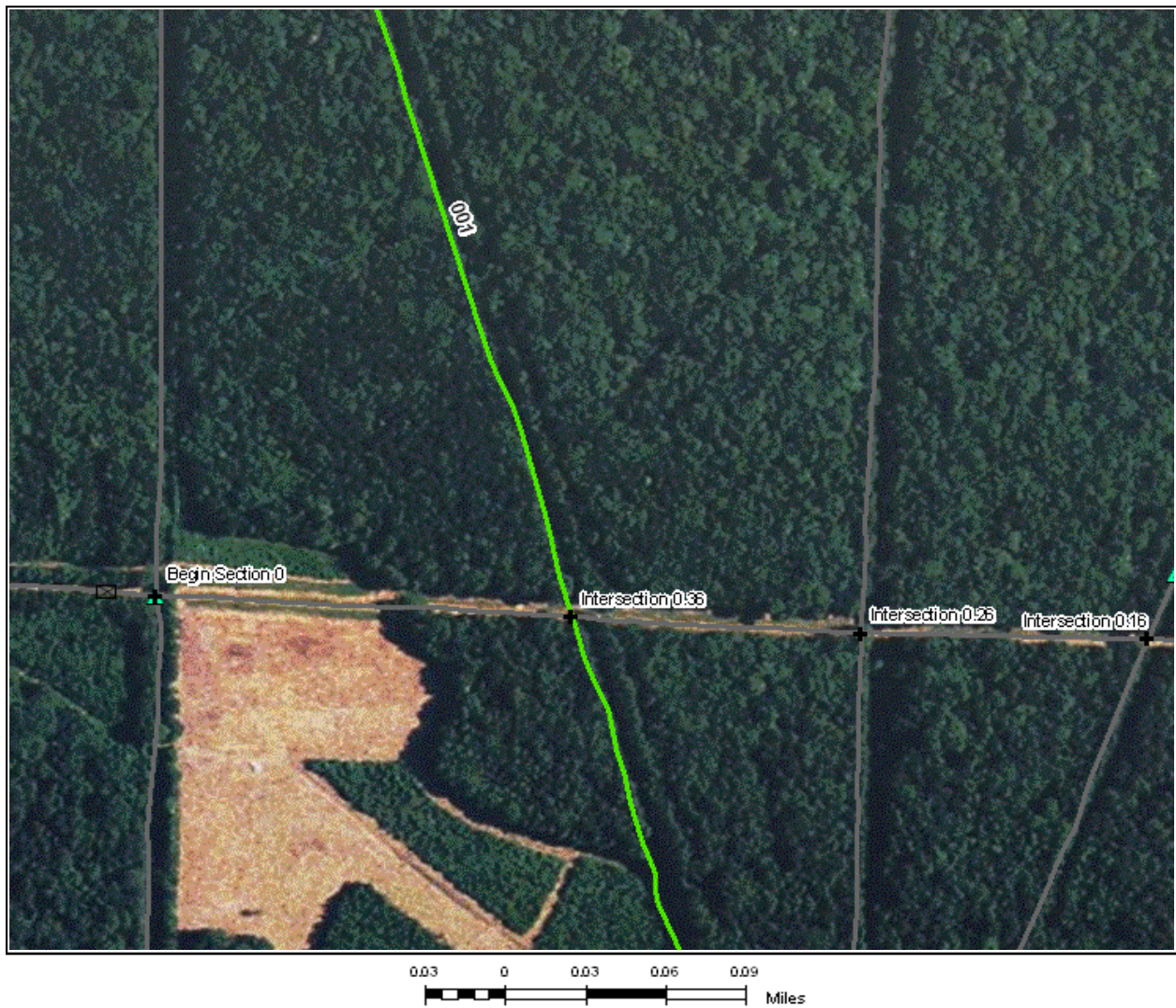


Route: 408 Grove Interior Road 4

Total Route Length: **0.70 Miles**

Route Description: From Grove Perimeter Road (Route 400) to Grove Silo Road (Route 401)

Asset Number	10015794
Section Number	001
Section Length (miles)	0.70
Inspection Date	04/08/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	1,100
CRV	235,000.00



Route: 409 Grove Interior Road 1

Total Route Length: **0.56 Miles**

Route Description: From Grove Interior Road 4 (Route 408) to Grove Interior Road 2 (Route 409)

Asset Number	10015793
Section Number	001
Section Length (miles)	0.56
Inspection Date	04/08/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	900
CRV	188,500.00



Route: 410 Grove Interior Road 2

Total Route Length: **0.60 Miles**

Route Description: From Grove Shell Road (Route 413) to Grove Perimeter Road (Route 400)

Asset Number	10015791
Section Number	001
Section Length (miles)	0.60
Inspection Date	04/08/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	1,000
CRV	202,700.00

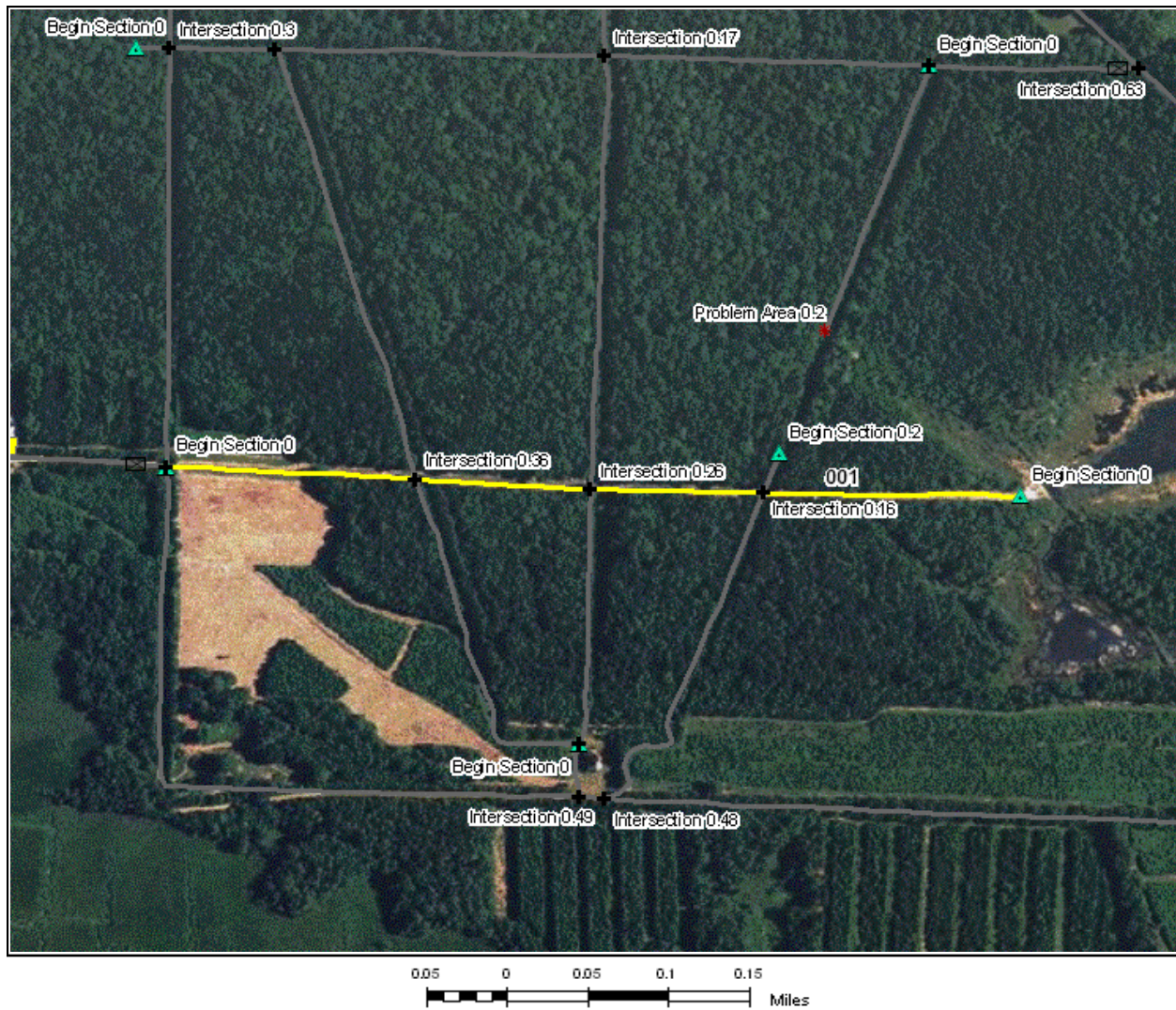


Route: 411 Grove Interior Road 3

Total Route Length: **0.49 Miles**

Route Description: From Grove Interior Road 2 (Route 410) to Grove Silo Road (Route 401)

Asset Number	10015798	10015798
Section Number	001	002
Section Length (miles)	0.20	0.29
Inspection Date	04/08/2010	04/08/2010
Section Information		
Surface Type	Native	Native
Number of Lanes	1	1
Roadway Width (feet)	10.00	10.00
Roadway Condition Information		
Condition	Good	Good
Remaining Service Life (years)	7	7
Cost Estimate	300	500
CRV	66,900.00	96,300.00

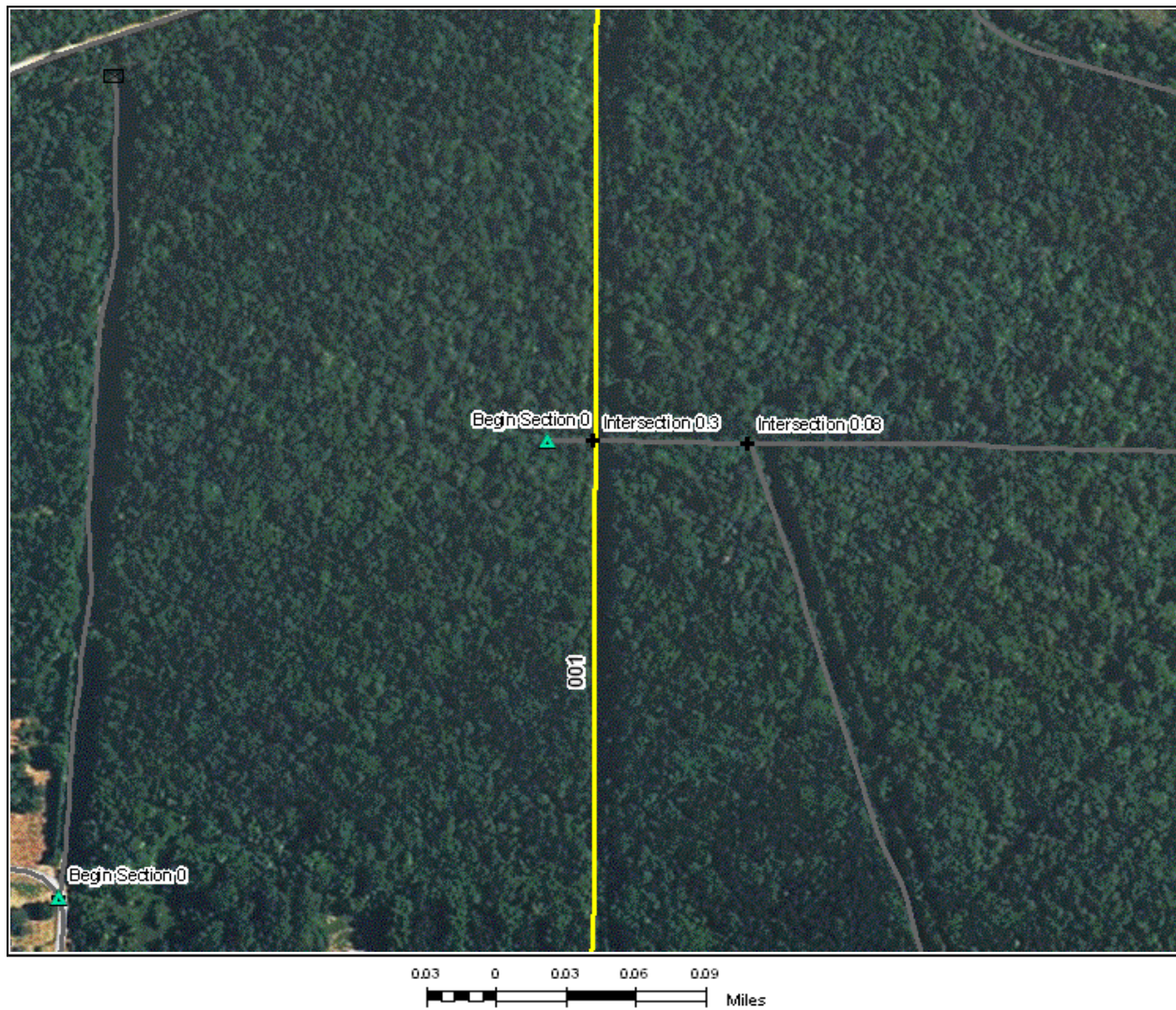


Route: 412 Grove Interior Road

Total Route Length: **0.52 Miles**

Route Description: From marsh to Grove Silo Road (Route 401)

Asset Number	10015780
Section Number	001
Section Length (miles)	0.52
Inspection Date	04/08/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,000
CRV	172,900.00

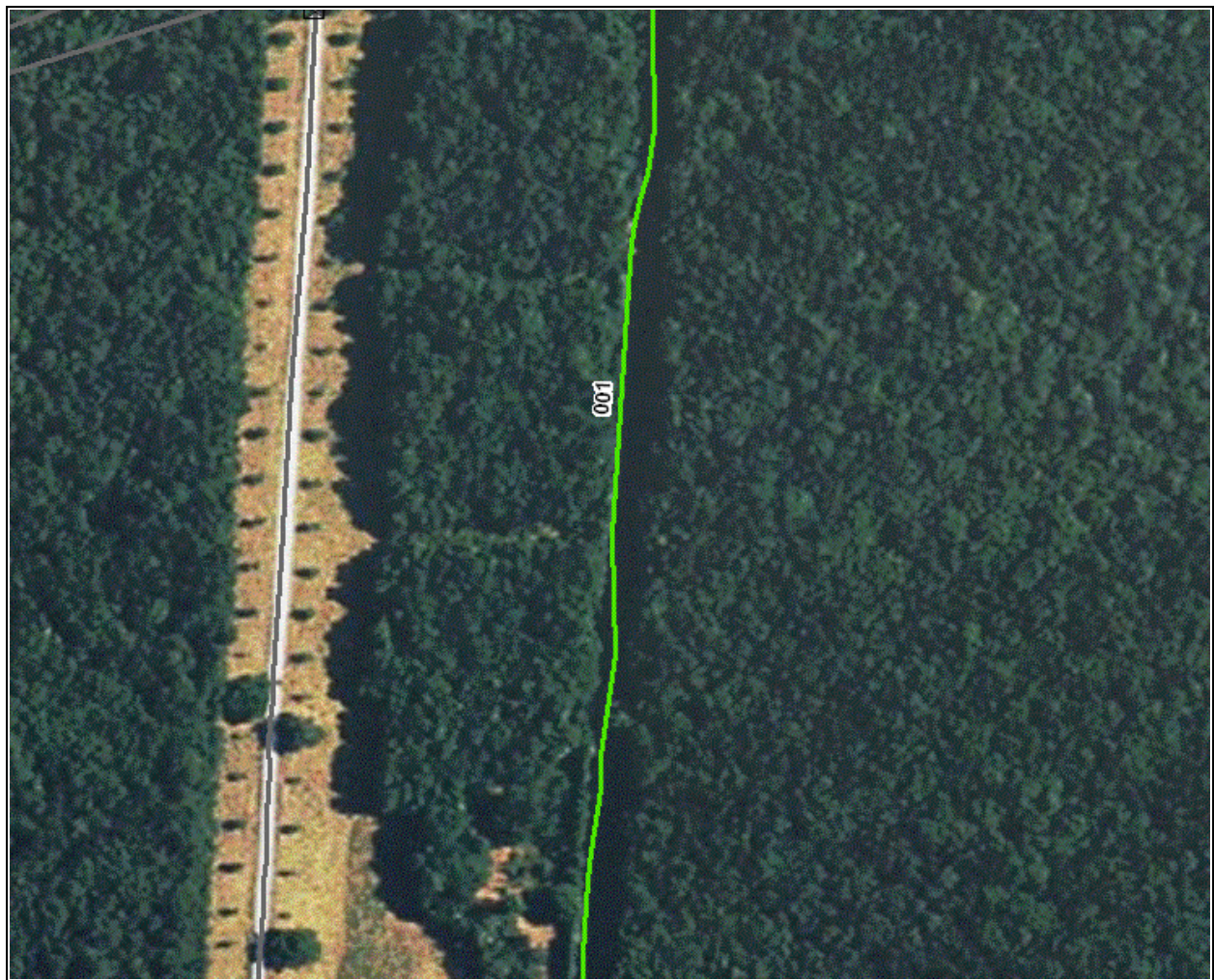


Route: 413 Grove Shell Road

Total Route Length: **0.56 Miles**

Route Description: From Grove Silot Road (Route 401) to end at ditch

Asset Number	10015777
Section Number	001
Section Length (miles)	0.56
Inspection Date	04/08/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,100
CRV	187,000.00



0.02 0 0.02 0.04 0.06
Miles



Route: 414 Interior Road

Total Route Length: **0.41 Miles**

Route Description: From Headquarters/ Visitors Center Entrance Road (Route 011) to end at gate

Asset Number	10015787
Section Number	001
Section Length (miles)	0.41
Inspection Date	04/08/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	700
CRV	136,900.00

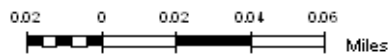


Route: 415 Edisto River Road

Total Route Length: **0.61 Miles**

Route Description: From south dock to Slave Cabin Road (Route 417)

Asset Number	10037759	10037759
Section Number	001	002
Section Length (miles)	0.10	0.51
Inspection Date	04/08/2010	04/09/2010
Section Information		
Surface Type	Primitive	Native
Number of Lanes	1	1
Roadway Width (feet)	10.00	10.00
Roadway Condition Information		
Condition	Good	Good
Remaining Service Life (years)	5	7
Cost Estimate	0	800
CRV	0.00	170,400.00

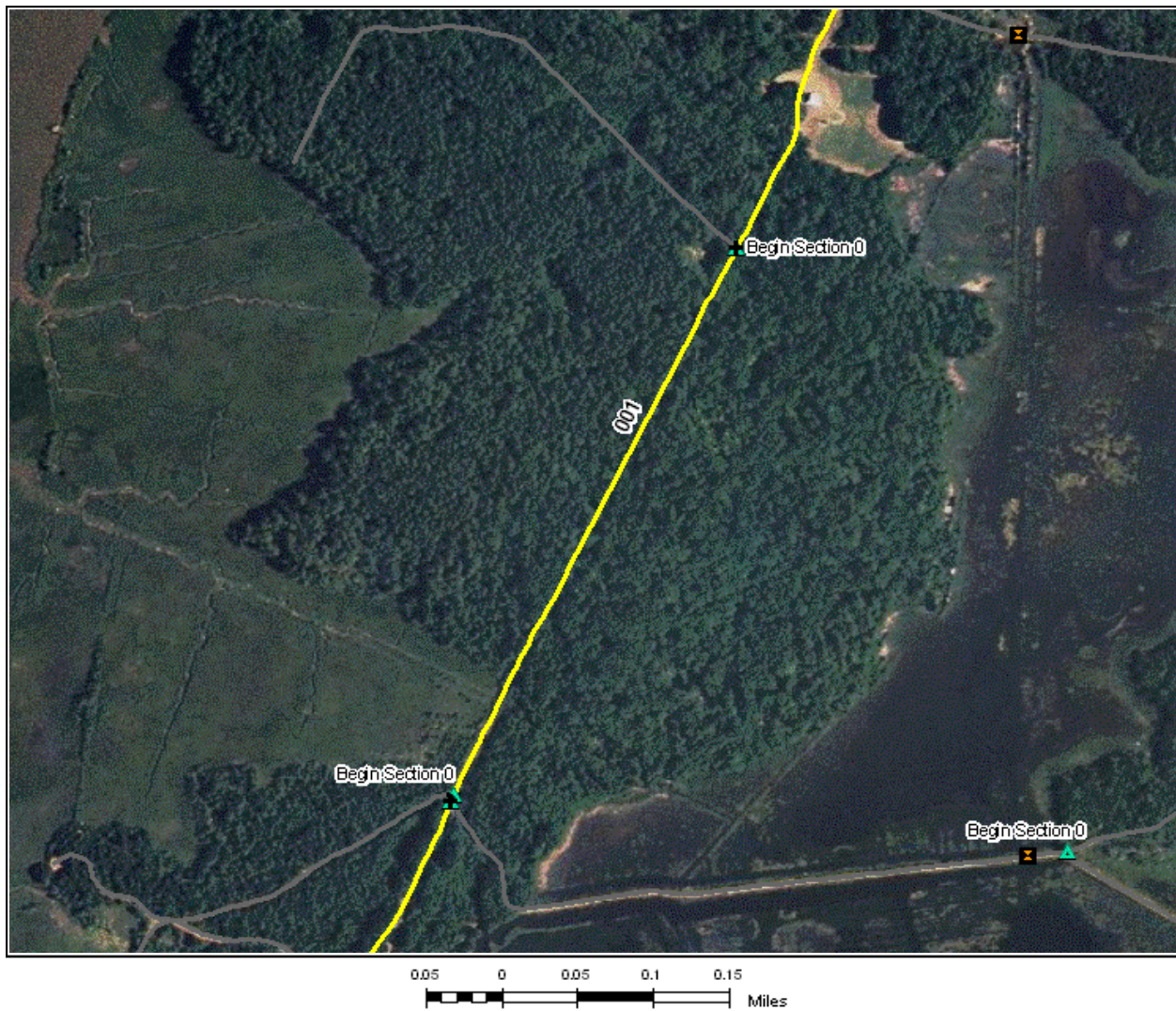


Route: 416 Bluff Road

Total Route Length: **0.20 Miles**

Route Description: From Edisto River Road (Route 415) to private land

Asset Number	10037757
Section Number	001
Section Length (miles)	0.20
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	300
CRV	68,500.00

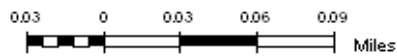


Route: 417 Slave Cabin Road

Total Route Length: **0.88 Miles**

Route Description: From Edisto River Road (Route 415) to north dock

Asset Number	10015811
Section Number	001
Section Length (miles)	0.88
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,800
CRV	294,300.00

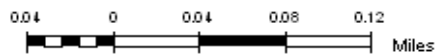


Route: 418 Live Oak Avenue Road

Total Route Length: **0.42 Miles**

Route Description: From Slave Cabin Road (Route 417) to plantation ruins

Asset Number	10015811
Section Number	001
Section Length (miles)	0.42
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	700
CRV	142,500.00



Route: 419 North Road

Total Route Length: **0.52 Miles**

Route Description: From Slave Cabin Road (Route 417) to East Island road (Route 420)

Asset Number	10015811
Section Number	001
Section Length (miles)	0.52
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	800
CRV	172,800.00

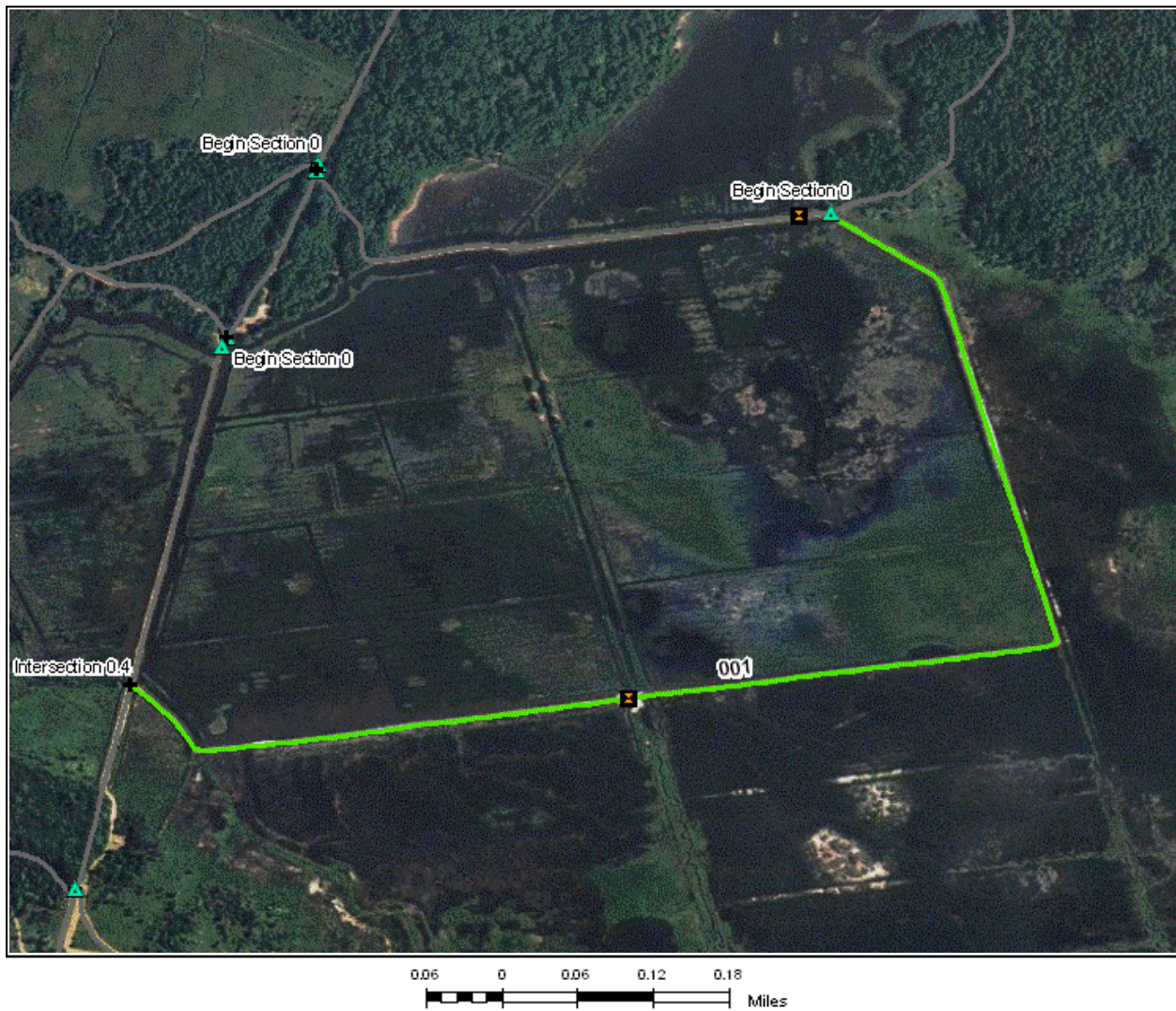


Route: 420 East Island Road

Total Route Length: **0.50 Miles**

Route Description: From North Road (Route 419) to Cistern Road (Route 422)

Asset Number	10015810
Section Number	001
Section Length (miles)	0.50
Inspection Date	04/09/2010
Section Information	
Surface Type	Primitive
Number of Lanes	1
Roadway Width (feet)	8.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	200
CRV	0.00

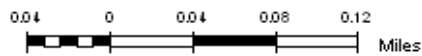
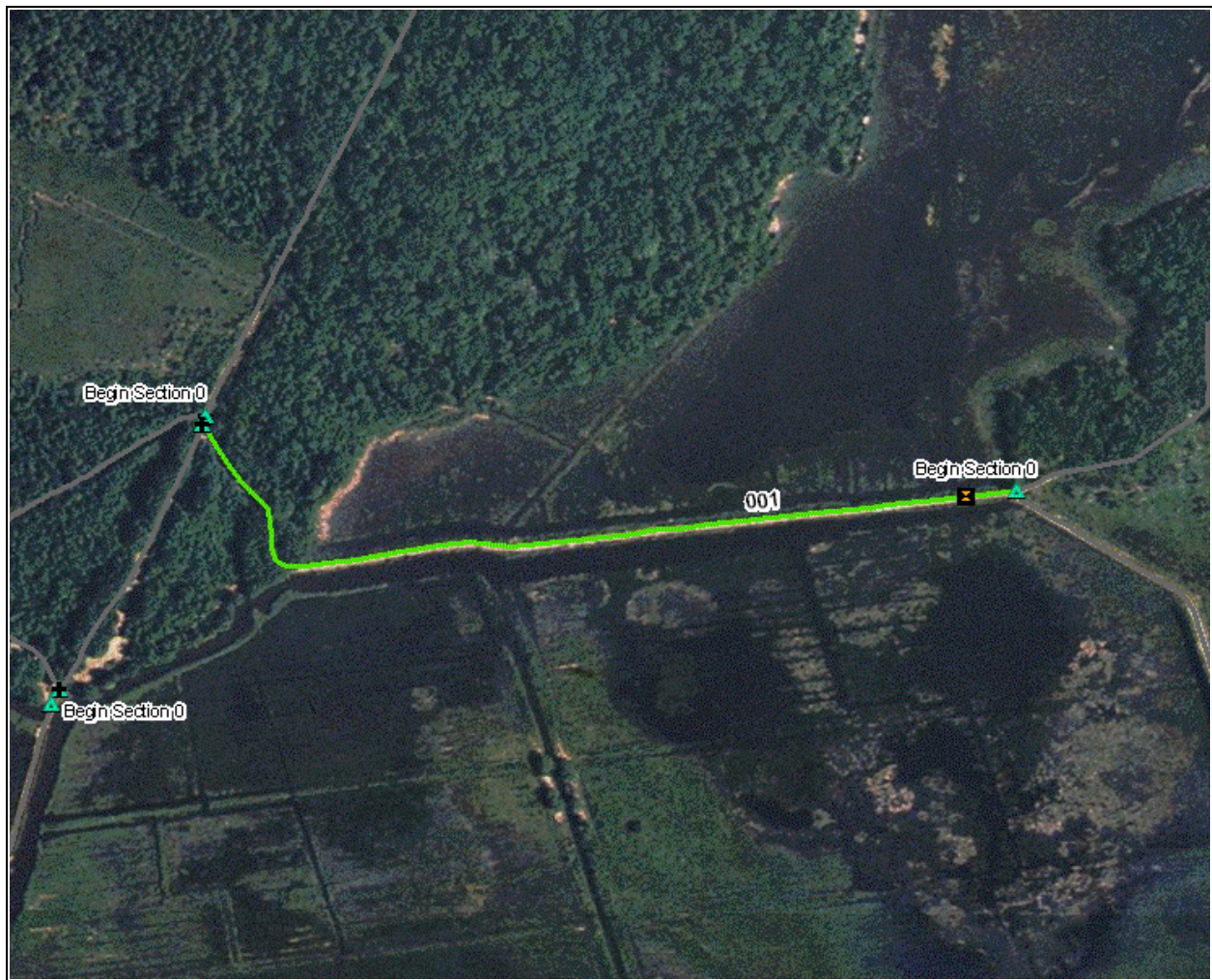


Route: 421 J2 Dike Road

Total Route Length: **1.20 Miles**

Route Description: From East Island Road (Route 420) to Edisto River Road (Route 415)

Asset Number	10015810
Section Number	001
Section Length (miles)	1.20
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	1,900
CRV	401,000.00

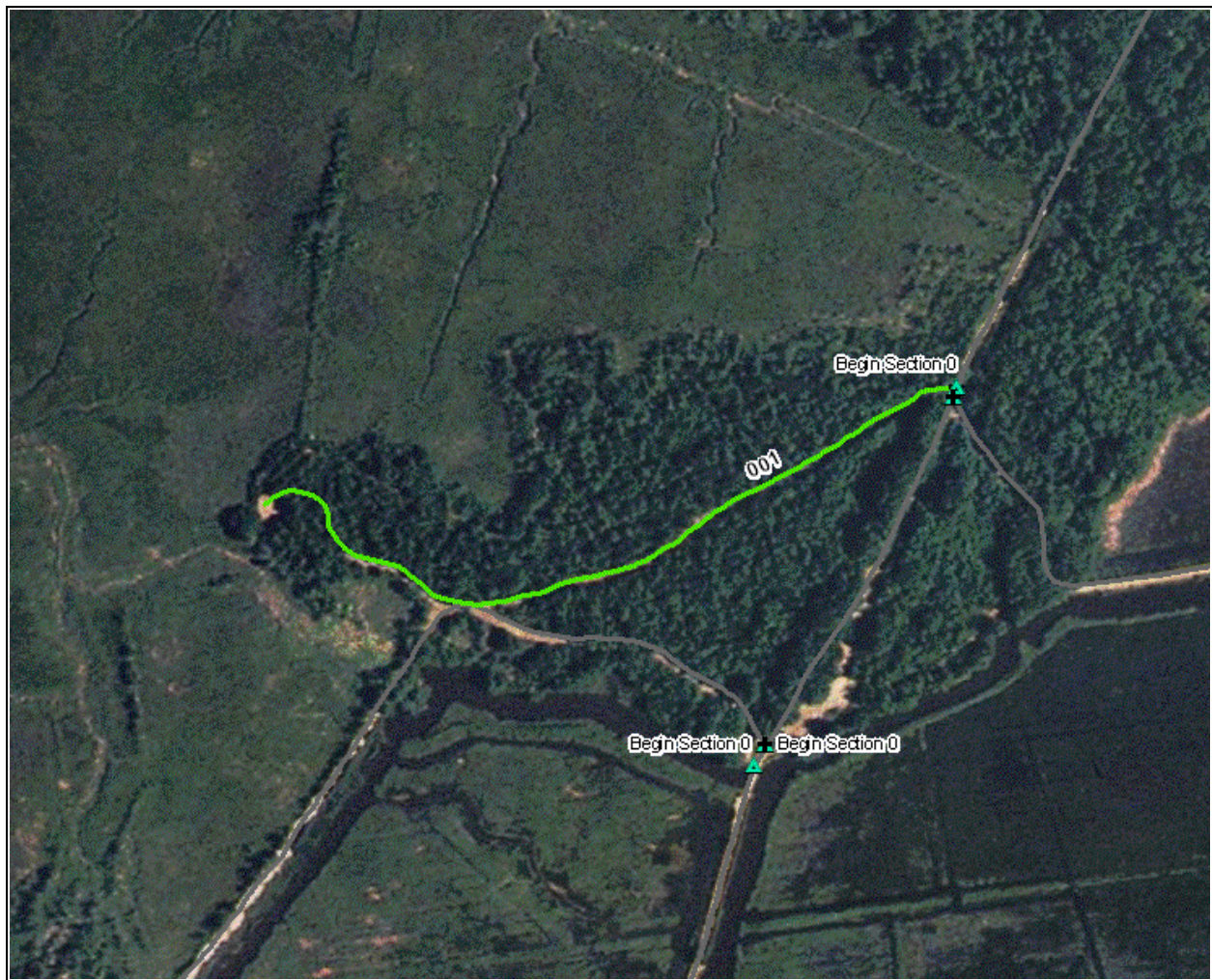


Route: 422 Cistern Road

Total Route Length: **0.45 Miles**

Route Description: From Slave Cabin Road (Route 417) to East Island Road (Route 420)

Asset Number	10015810
Section Number	001
Section Length (miles)	0.45
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	700
CRV	152,100.00



0.03 0 0.03 0.06 0.09 Miles



Route: 423 West Vista Road

Total Route Length: **0.31 Miles**

Route Description: From Slave Cabin Road (Route 417) to marsh

Asset Number	
Section Number	001
Section Length (miles)	0.31
Inspection Date	04/09/2010
Section Information	
Surface Type	Primitive
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	100
CRV	0.00

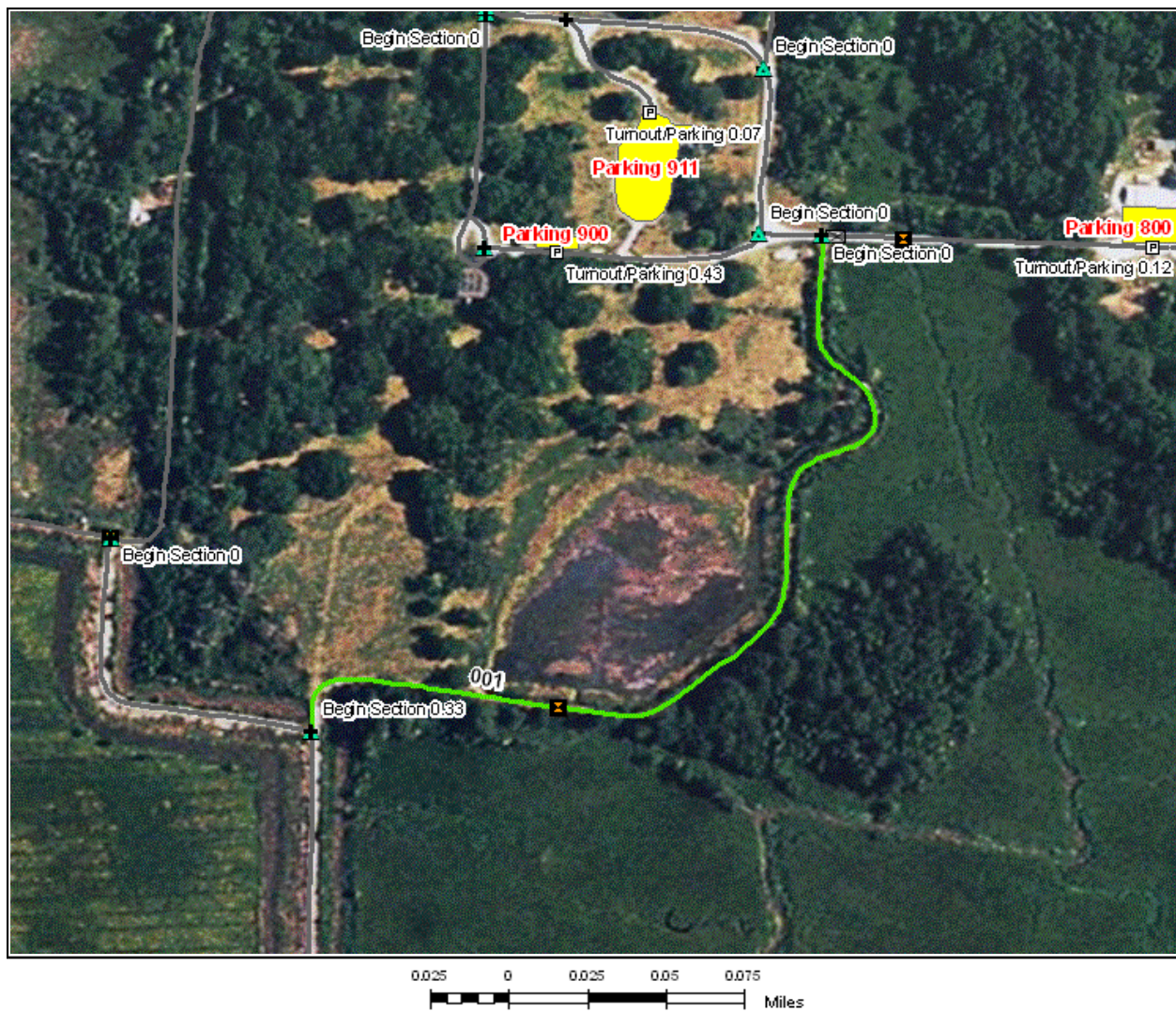


Route: 424 May Bank Road

Total Route Length: **0.94 Miles**

Route Description: From Edisto Road (Route 415) to Edisto River Road (Route 415)

Asset Number	
Section Number	001
Section Length (miles)	0.94
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,900
CRV	314,900.00

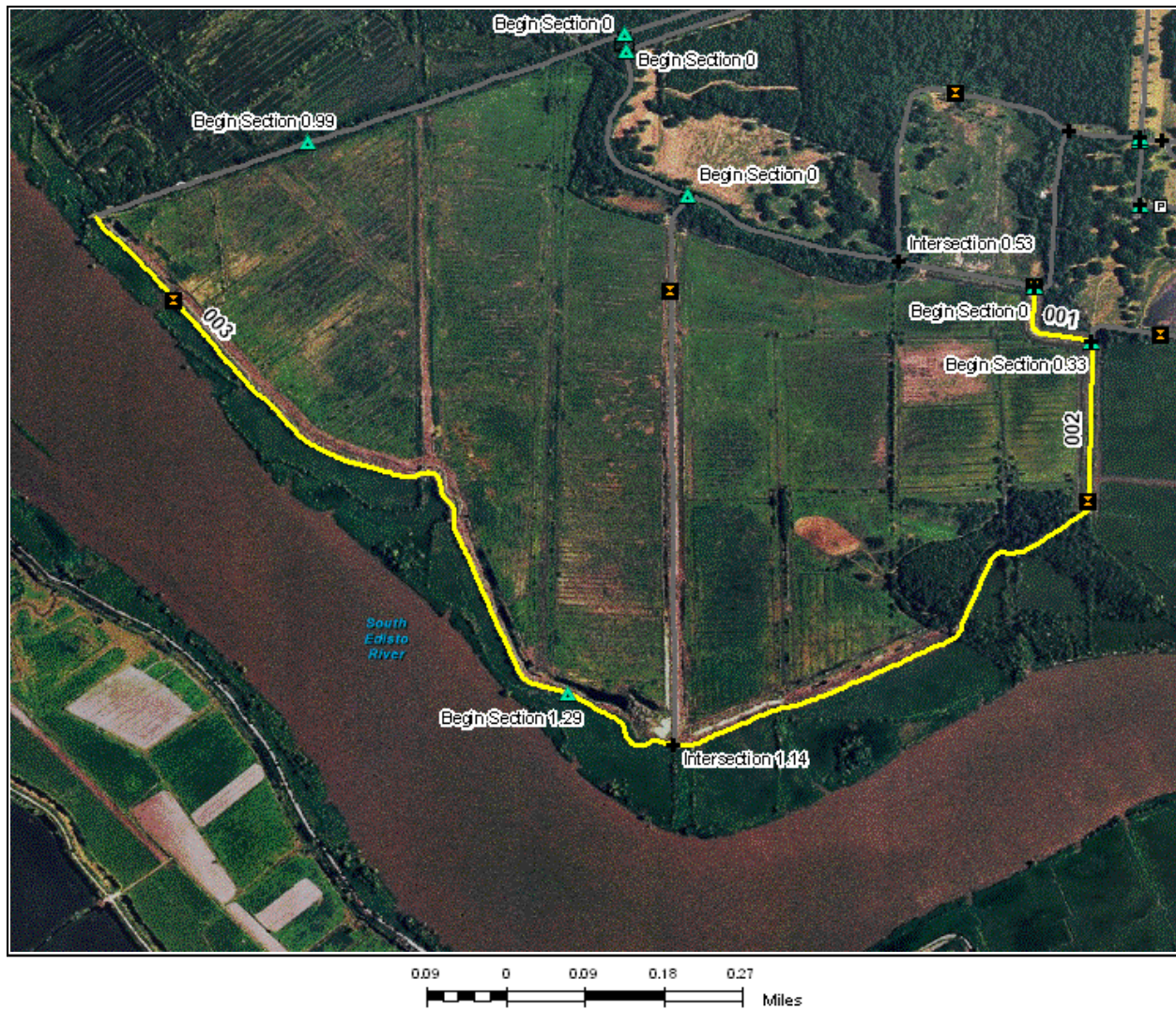


Route: 425 Alexander Pond

Total Route Length: **0.33 Miles**

Route Description: From Old Shop Road (Route 300) to Grove Impoundment Dike (Route 426)

Asset Number	
Section Number	001
Section Length (miles)	0.33
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	500
CRV	112,200.00

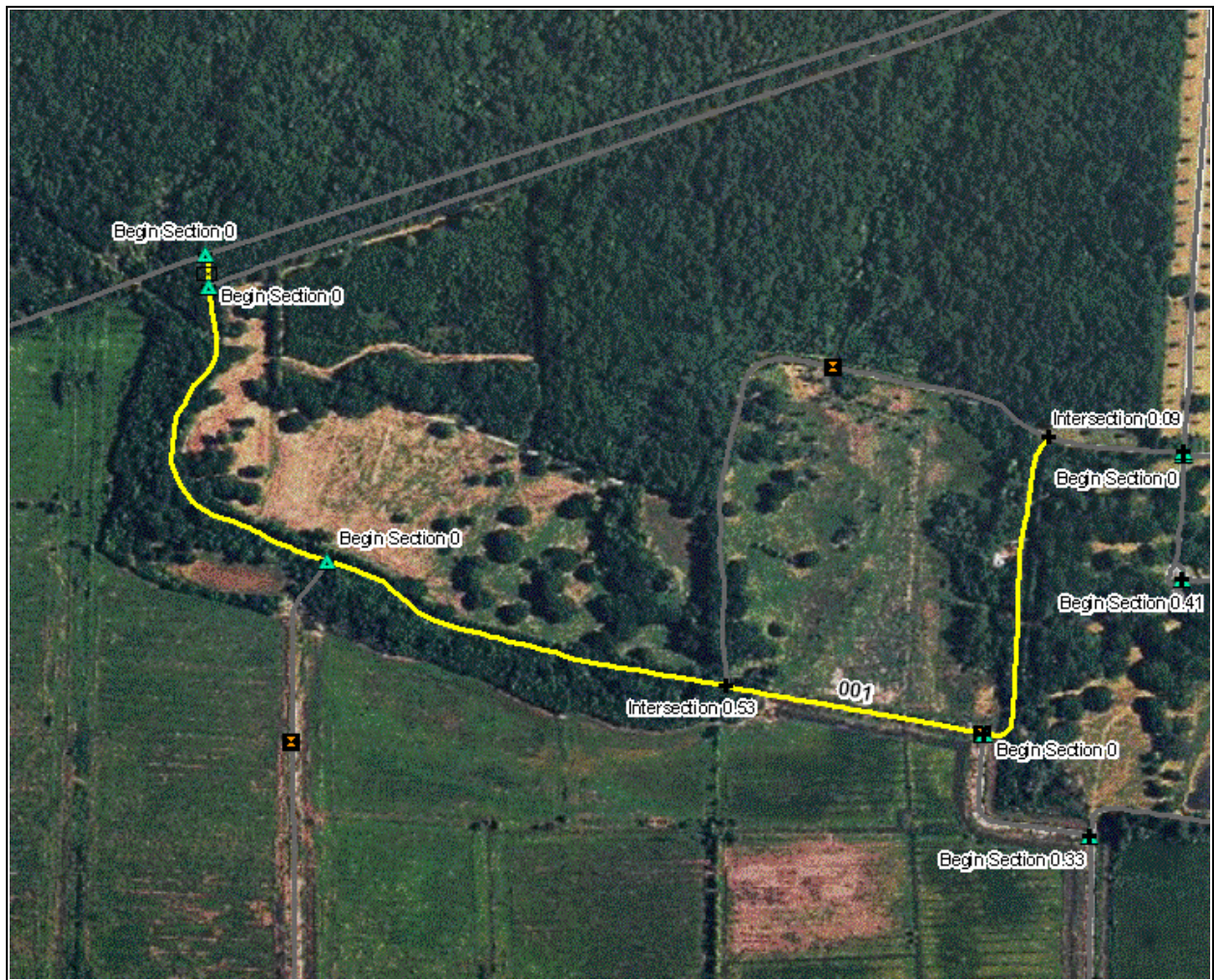


Route: 426 Grove Impoundment Dike

Total Route Length: **1.95 Miles**

Route Description: From Alexander Pond (Route 425) to Railroad Grade to Edisto River (Route 404)

Asset Number			
Section Number	001	002	003
Section Length (miles)	0.12	0.96	0.87
Inspection Date	04/09/2010	04/09/2010	04/09/2010
Section Information			
Surface Type	Native	Native	Native
Number of Lanes	1	1	1
Roadway Width (feet)	10.00	10.00	10.00
Roadway Condition Information			
Condition	Fair	Fair	Fair
Remaining Service Life (years)	4	3	3
Cost Estimate	200	1,900	1,800
CRV	41,200.00	320,600.00	292,200.00

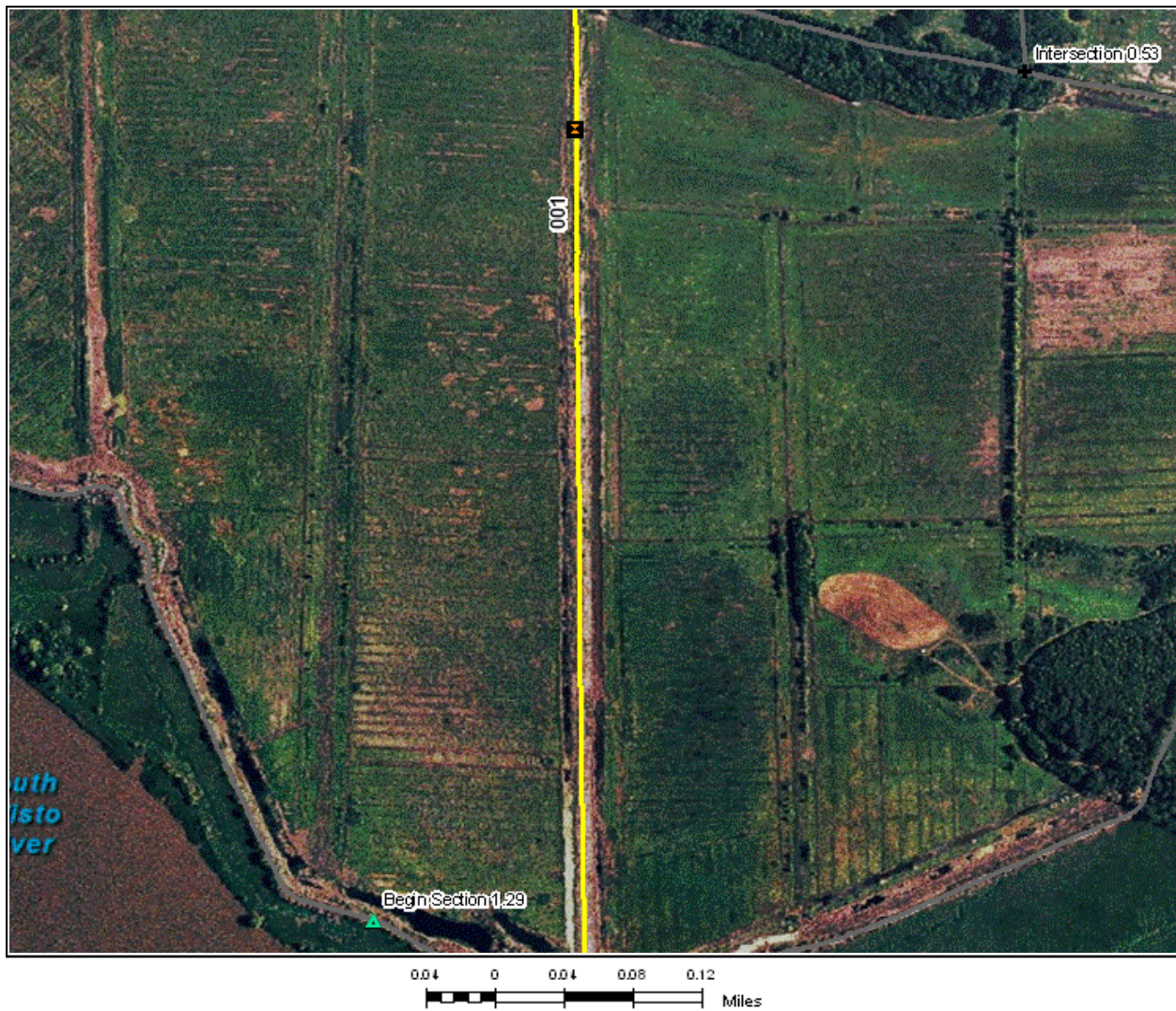


Route: 427 Photo Blind Road

Total Route Length: **0.90 Miles**

Route Description: From Railroad Grade to Edisto River (Route 404) to North Photo Blind Road (Route 402)

Asset Number	
Section Number	001
Section Length (miles)	0.90
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,800
CRV	301,200.00



Route: 428 Cross Dike

Total Route Length: **0.72 Miles**

Route Description: From Photo Blind Road (Route 427) to Grove Impoundment Dike (Route 426)

Asset Number	
Section Number	001
Section Length (miles)	0.72
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	3
Cost Estimate	1,500
CRV	243,100.00

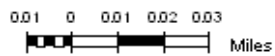
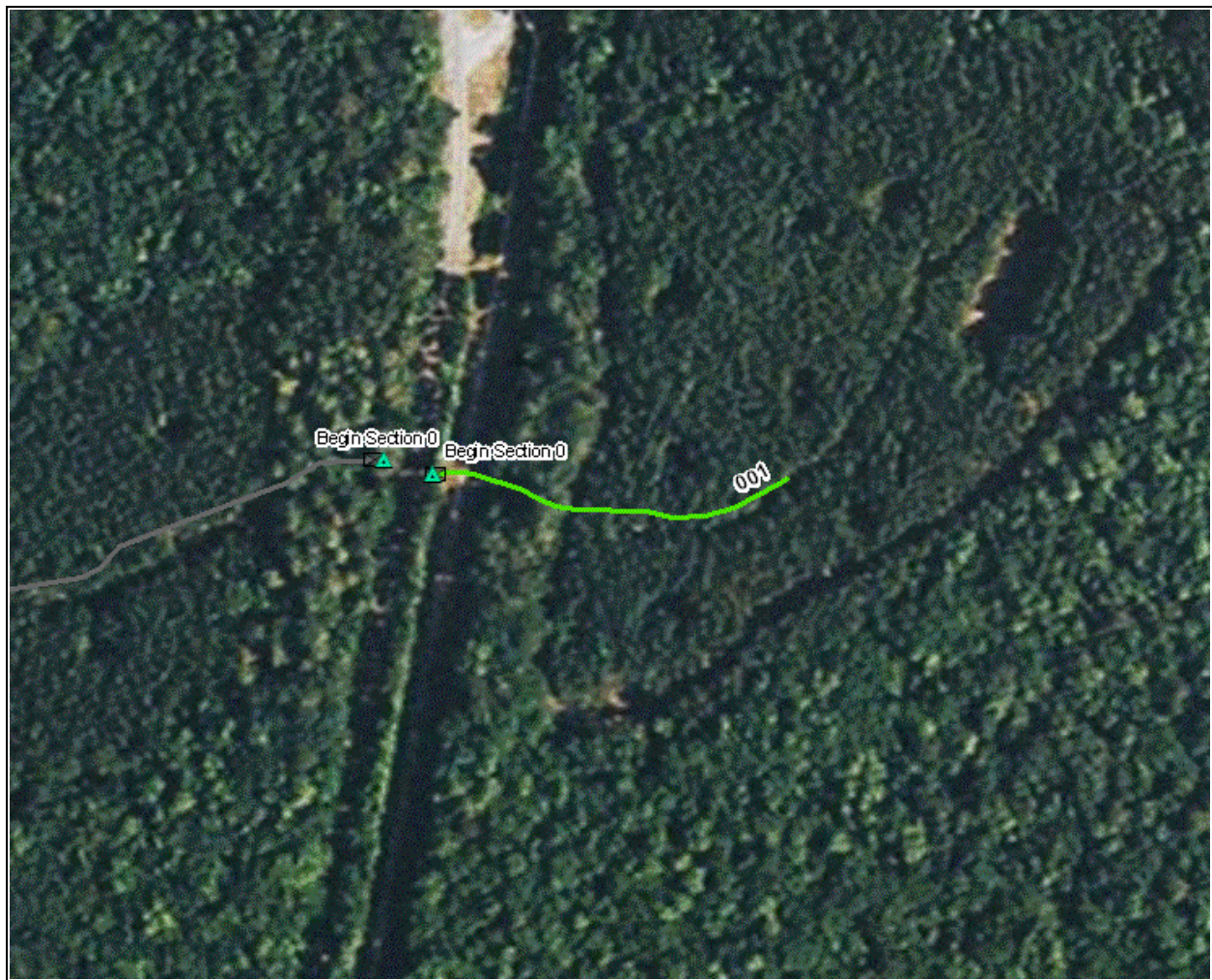


Route: 429 Barrelville Road 1

Total Route Length: **1.03 Miles**

Route Description: From State Highway 174 to north boundary

Asset Number	10043892
Section Number	001
Section Length (miles)	1.03
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	1,700
CRV	344,900.00



Route: 430 Barrelville Road 2

Total Route Length: **0.08 Miles**

Route Description: From State Highway 174 to end

Asset Number	10043893
Section Number	001
Section Length (miles)	0.08
Inspection Date	04/09/2010
Section Information	
Surface Type	Primitive
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	0
CRV	0.00

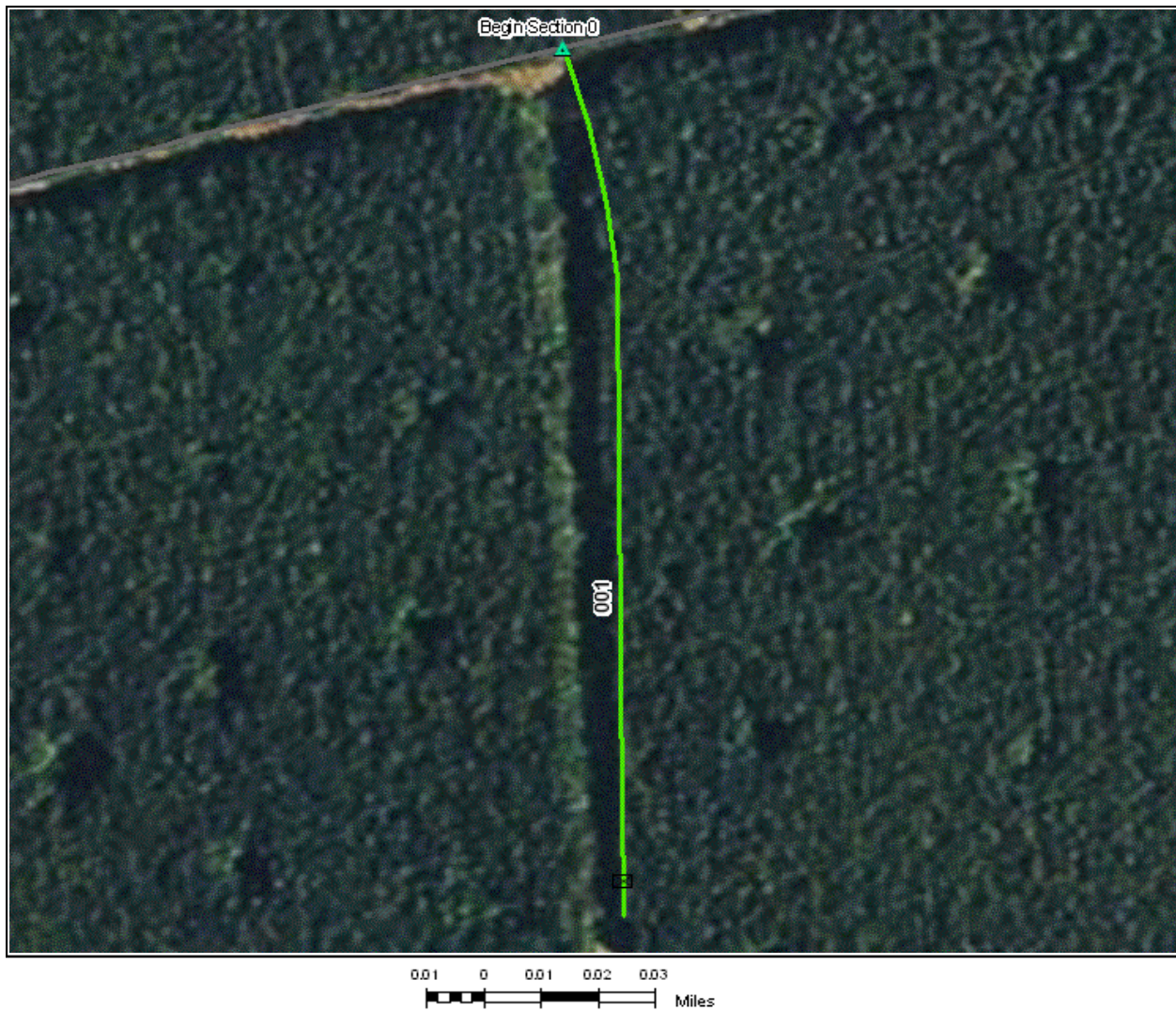


Route: 431 Barrelville Road 3

Total Route Length: 1.18 Miles

Route Description: From State Highway 174 to west boundary

Asset Number	10043894
Section Number	001
Section Length (miles)	0.63
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	1,000
CRV	210,700.00

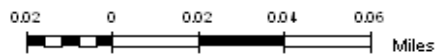
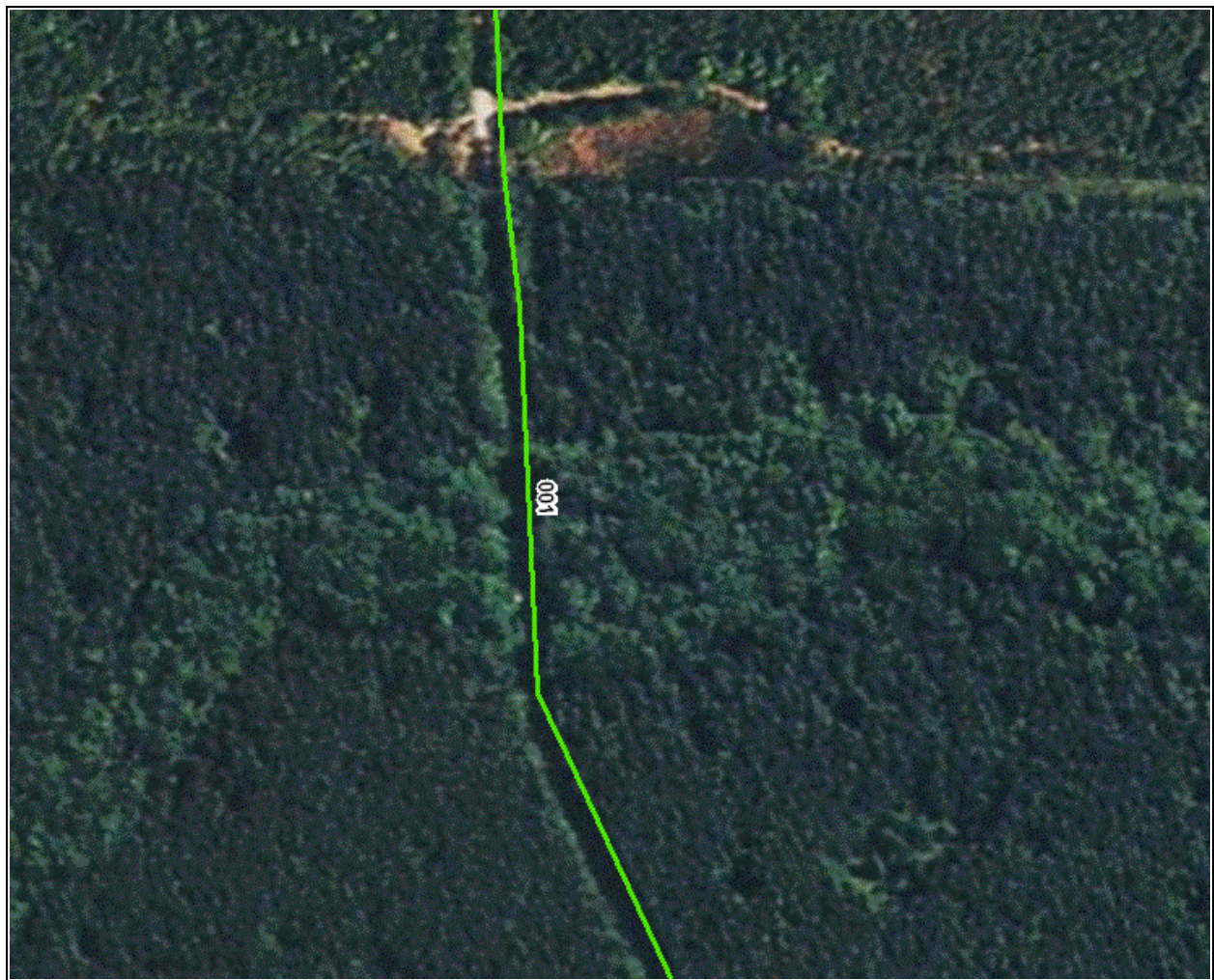


Route: 432 Barrelville Road 5

Total Route Length: **0.18 Miles**

Route Description: From Barrelville Road 4 (Route 431) to Moffett Road

Asset Number	10043896
Section Number	001
Section Length (miles)	0.18
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	300
CRV	58,800.00

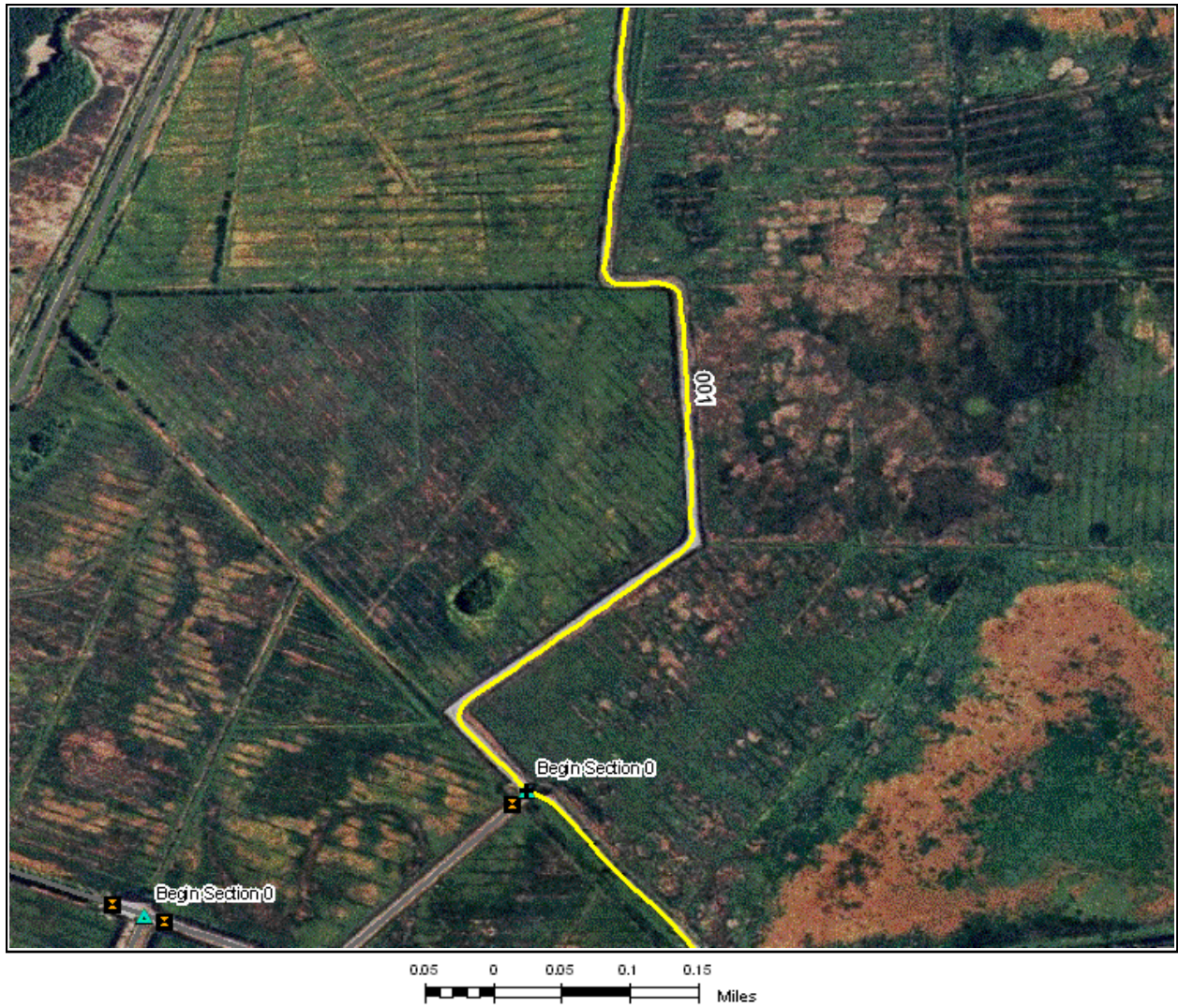


Route: 433 Barrelville Road 6

Total Route Length: **0.37 Miles**

Route Description: From Moffit Road to south boundary

Asset Number	10043897
Section Number	001
Section Length (miles)	0.37
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	600
CRV	123,900.00

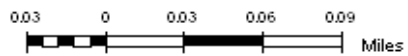


Route: 434 Combahee Fields Dike 94

Total Route Length: **1.08 Miles**

Route Description: From private residence to Combahee Fields Dike 97 (Route 441)

Asset Number	10015844
Section Number	001
Section Length (miles)	1.08
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	2,200
CRV	361,000.00

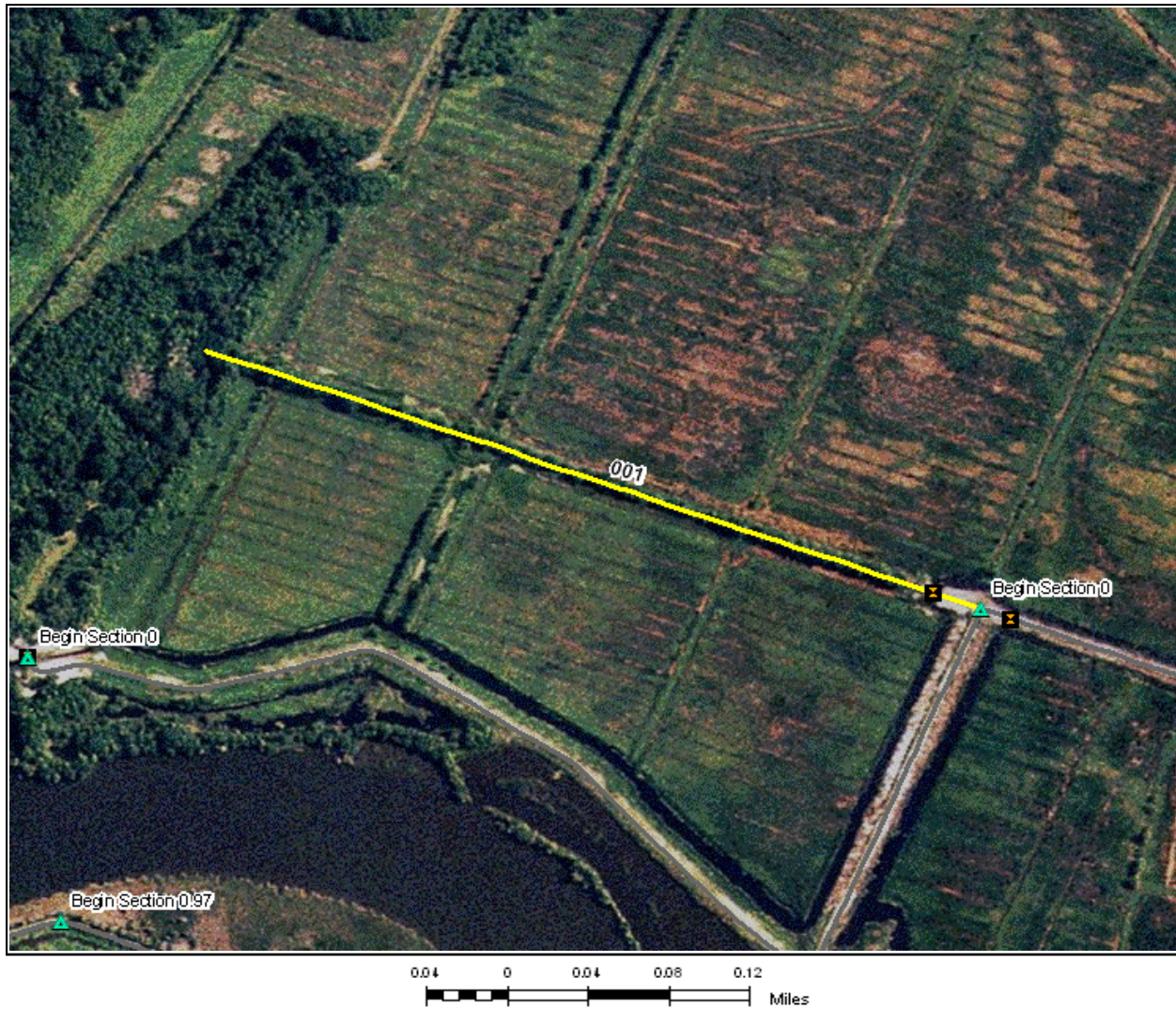


Route: 435 Combahee Fields Dike 95

Total Route Length: **0.35 Miles**

Route Description: From Combahee Fields Dike 94 (Route 434) to Combahee Fields Dike 158 (Route 440)

Asset Number	10015845
Section Number	001
Section Length (miles)	0.35
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	600
CRV	115,900.00

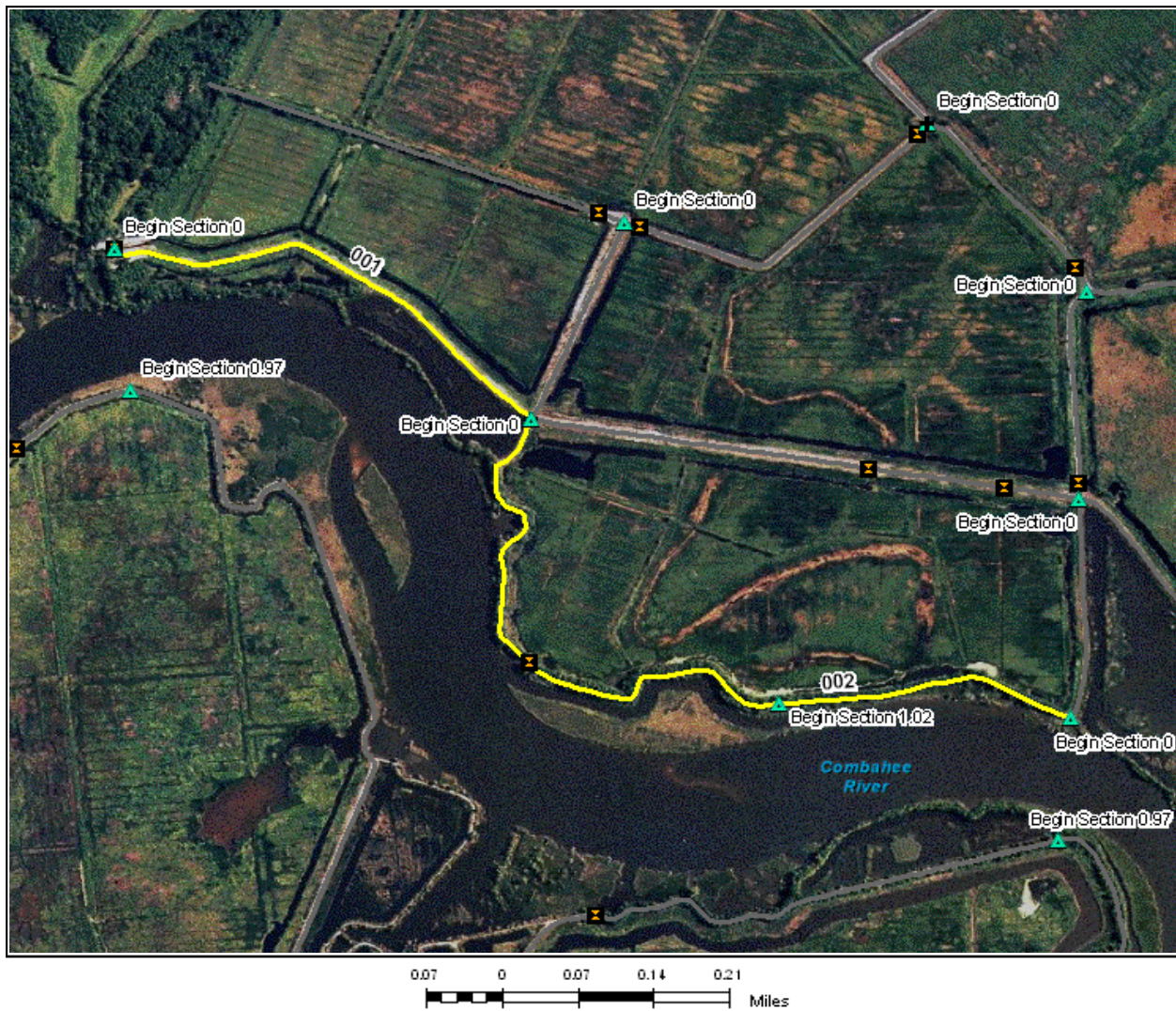


Route: 436 Combahee Fields Dike 158

Total Route Length: **0.40 Miles**

Route Description: From Combahee Fields Dike 158 (Route 440) to west boundary

Asset Number	10015849
Section Number	001
Section Length (miles)	0.40
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	800
CRV	134,000.00



Route: 437 Combahee Fields Dike 93

Total Route Length: 1.30 Miles

Route Description: From west boundary to Combahee Fields Dike 96 (Route 438)

Asset Number	10015843	10015843
Section Number	001	002
Section Length (miles)	1.02	0.27
Inspection Date	04/10/2010	04/10/2010
Section Information		
Surface Type	Native	Native
Number of Lanes	1	1
Roadway Width (feet)	10.00	10.00
Roadway Condition Information		
Condition	Fair	Fair
Remaining Service Life (years)	4	4
Cost Estimate	2,100	600
CRV	343,300.00	92,100.00



0.01 0 0.01 0.02 0.03
Miles



Route: 438 Combahee Fields Dike 96

Total Route Length: **0.23 Miles**

Route Description: From Combahee Fields Dike 93 (Route 437) to Combahee Fields Dike 99 (Route 445)

Asset Number	10015846
Section Number	001
Section Length (miles)	0.23
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	400
CRV	78,600.00



Route: 439 Combahee Fields Dike 98

Total Route Length: **0.50 Miles**

Route Description: From Combahee Fields Dike 96 (Route 438) to Combahee Fields Dike 158 (Route 440)

Asset Number	10015848
Section Number	001
Section Length (miles)	0.50
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	800
CRV	167,100.00

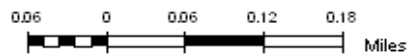


Route: 440 Combahee Fields Dike 158

Total Route Length: **0.22 Miles**

Route Description: From Combahee Fields Dike 93 (Route 437) to Combahee Fields Dike 95 (Route 435)

Asset Number	10015849
Section Number	001
Section Length (miles)	0.22
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	400
CRV	75,300.00

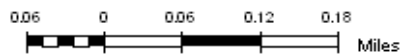


Route: 441 Combahee Fields Dike 97

Total Route Length: **0.75 Miles**

Route Description: From Combahee Fields Dike 96 (Route 438) to Combahee Fields Dike 93 (Route 443)

Asset Number	10015847
Section Number	001
Section Length (miles)	0.75
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,500
CRV	252,400.00

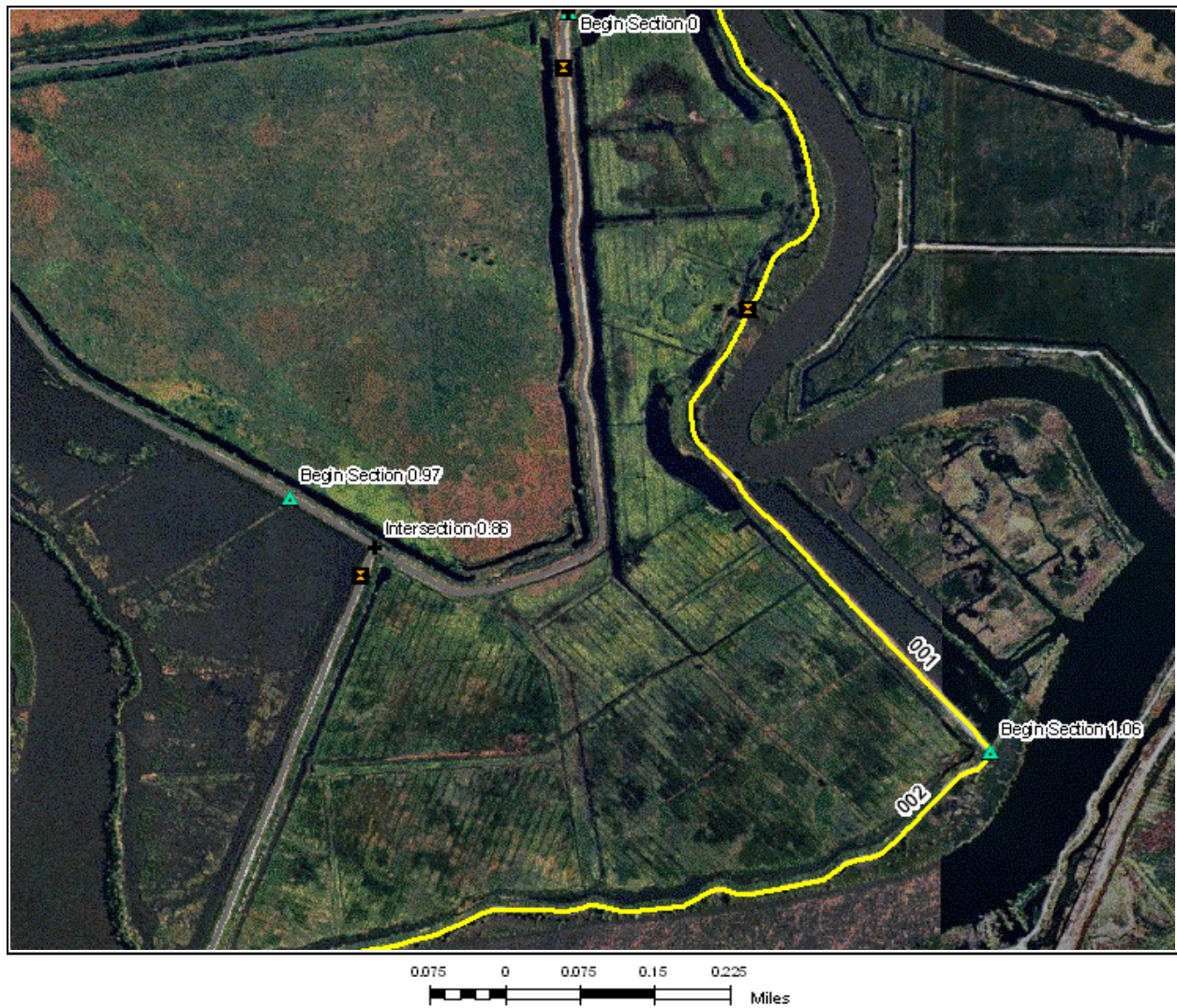


Route: 442 Combahee Fields Dike 100

Total Route Length: **1.00 Miles**

Route Description: From Combahee Fields Dike 97 (Route 441) to north boundary

Asset Number	10015850
Section Number	001
Section Length (miles)	1.00
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	3
Cost Estimate	2,000
CRV	335,200.00

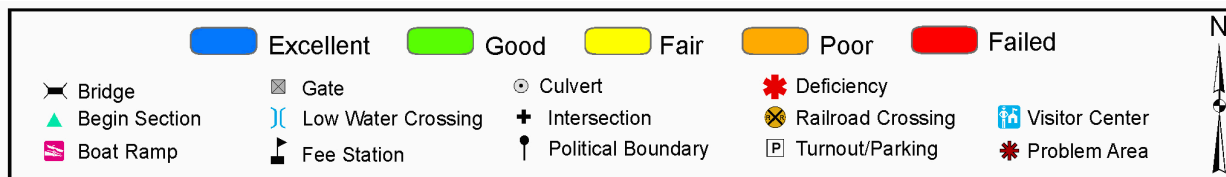
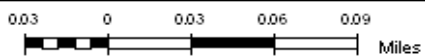


Route: 443 Combahee Fields Dike 93

Total Route Length: **1.92 Miles**

Route Description: From Combahee Fields Dike 97 (Route 441) to Combahee Fields Dike 126 (Route 444)

Asset Number	10015843	10015843
Section Number	001	002
Section Length (miles)	1.06	0.86
Inspection Date	04/10/2010	04/10/2010
Section Information		
Surface Type	Native	Native
Number of Lanes	1	1
Roadway Width (feet)	10.00	10.00
Roadway Condition Information		
Condition	Fair	Fair
Remaining Service Life (years)	4	4
Cost Estimate	2,200	1,800
CRV	355,700.00	289,900.00



Route: 444 Combahee Fields Dike 126

Total Route Length: **0.54 Miles**

Route Description: From Combahee Fields Dike 93 (Route 443) to Combahee Fields Dike 99 (Route 445)

Asset Number	10015876
Section Number	001
Section Length (miles)	0.54
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	900
CRV	180,000.00



Route: 445 Combahee Fields Dike 99

Total Route Length: **1.39 Miles**

Route Description: From Combahee Fields Dike 97 (Route 441) to Combahee Fields Dike 96 (Route 438)

Asset Number	10015849	10015849
Section Number	001	002
Section Length (miles)	0.97	0.42
Inspection Date	04/10/2010	04/10/2010
Section Information		
Surface Type	Native	Native
Number of Lanes	1	1
Roadway Width (feet)	10.00	10.00
Roadway Condition Information		
Condition	Fair	Fair
Remaining Service Life (years)	4	4
Cost Estimate	2,000	900
CRV	324,600.00	142,300.00

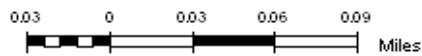
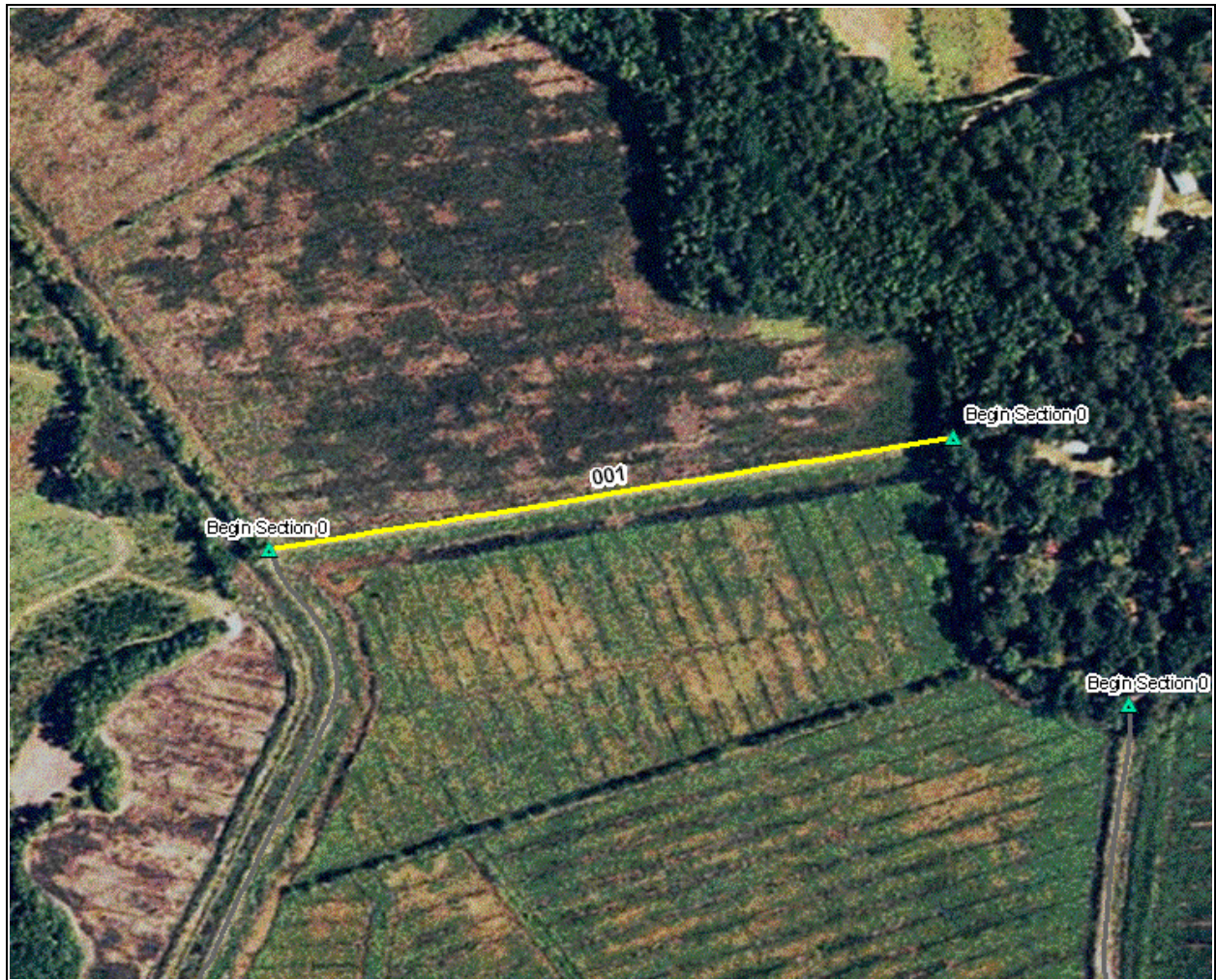


Route: 446 Combahee Fields Dike 155

Total Route Length: **0.23 Miles**

Route Description: From Combahee Fields Dike 98 (Route 439) to Combahee Fields Dike 97 (Route 441)

Asset Number	10045722
Section Number	001
Section Length (miles)	0.23
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	500
CRV	75,600.00

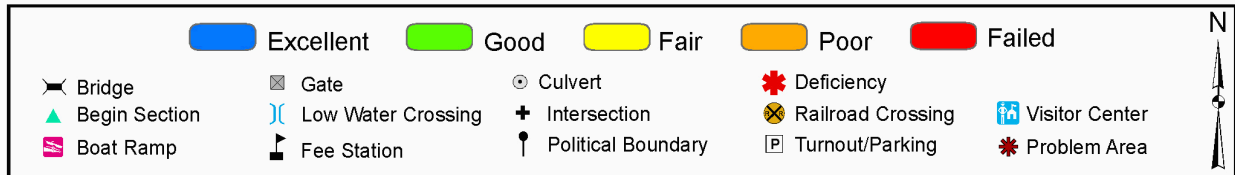
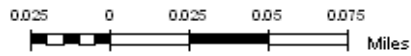


Route: 447 Combahee Fields Dike 156

Total Route Length: **0.25 Miles**

Route Description: From private residence to Combahee Fields Dike 157 (Route 448)

Asset Number	10045723
Section Number	001
Section Length (miles)	0.25
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	3
Cost Estimate	500
CRV	85,200.00

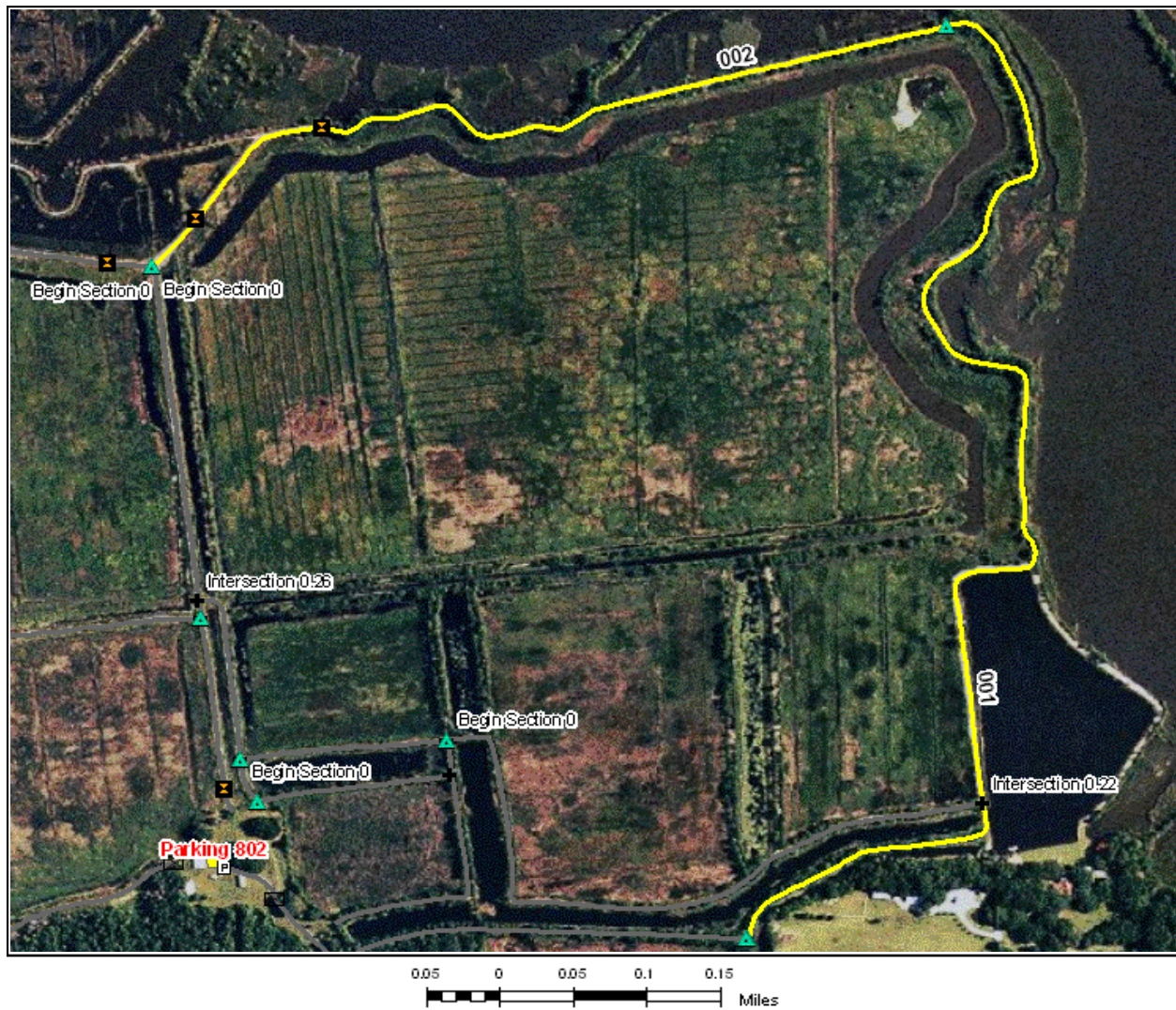


Route: 448 Combahee Fields Dike 157

Total Route Length: **0.52 Miles**

Route Description: From Combahee Fields Dike (Route 447) to west boundry

Asset Number	10045724
Section Number	001
Section Length (miles)	0.52
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,100
CRV	174,000.00

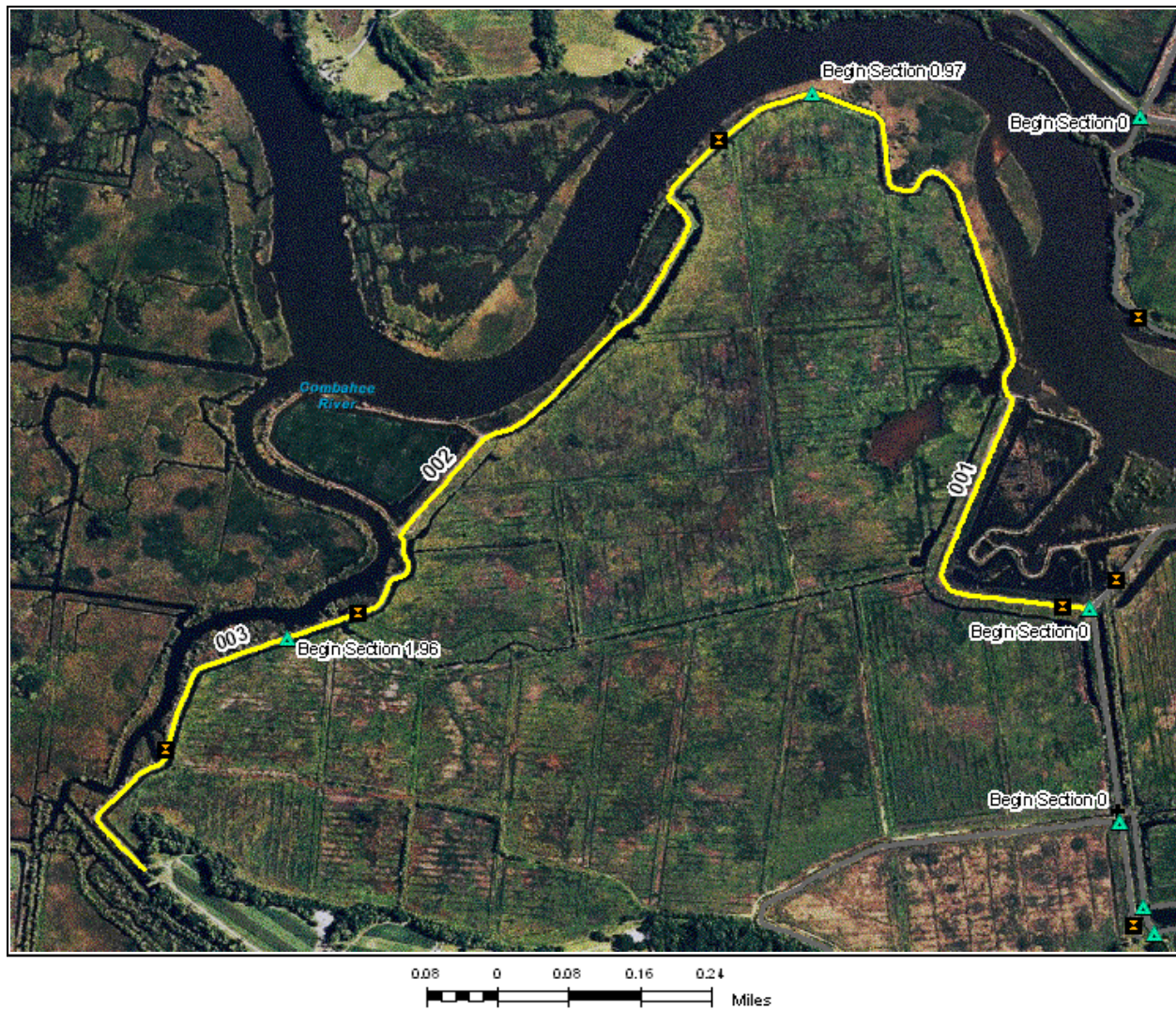


Route: 449 Bonny Hall Dike 5

Total Route Length: **1.58 Miles**

Route Description: From Bonny Hall Dike 8 (Route 455) to Bonny Hall Dike 6 (Route 450)

Asset Number	10045756	10045756
Section Number	001	002
Section Length (miles)	0.97	0.61
Inspection Date	04/10/2010	04/10/2010
Section Information		
Surface Type	Native	Native
Number of Lanes	1	1
Roadway Width (feet)	10.00	10.00
Roadway Condition Information		
Condition	Fair	Fair
Remaining Service Life (years)	4	4
Cost Estimate	2,000	1,200
CRV	324,400.00	204,600.00

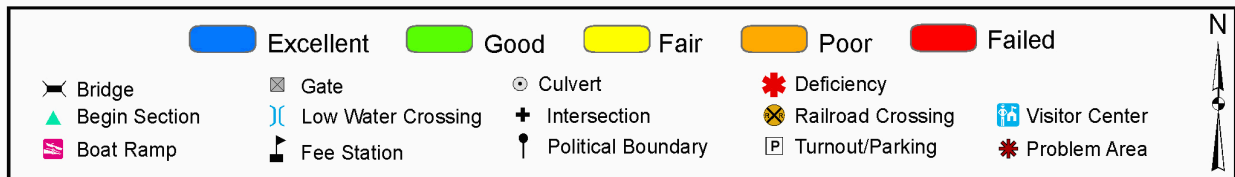


Route: 450 Bonny Hall Dike 6

Total Route Length: **2.38 Miles**

Route Description: From Bonny Hall Dike 5 (Route 449) to private land

Asset Number	10045757	10045757	10045757
Section Number	001	002	003
Section Length (miles)	0.97	0.99	0.42
Inspection Date	04/10/2010	04/10/2010	04/10/2010
Section Information			
Surface Type	Native	Native	Native
Number of Lanes	1	1	1
Roadway Width (feet)	10.00	10.00	10.00
Roadway Condition Information			
Condition	Fair	Fair	Fair
Remaining Service Life (years)	4	3	3
Cost Estimate	2,000	2,000	900
CRV	324,600.00	331,900.00	141,700.00

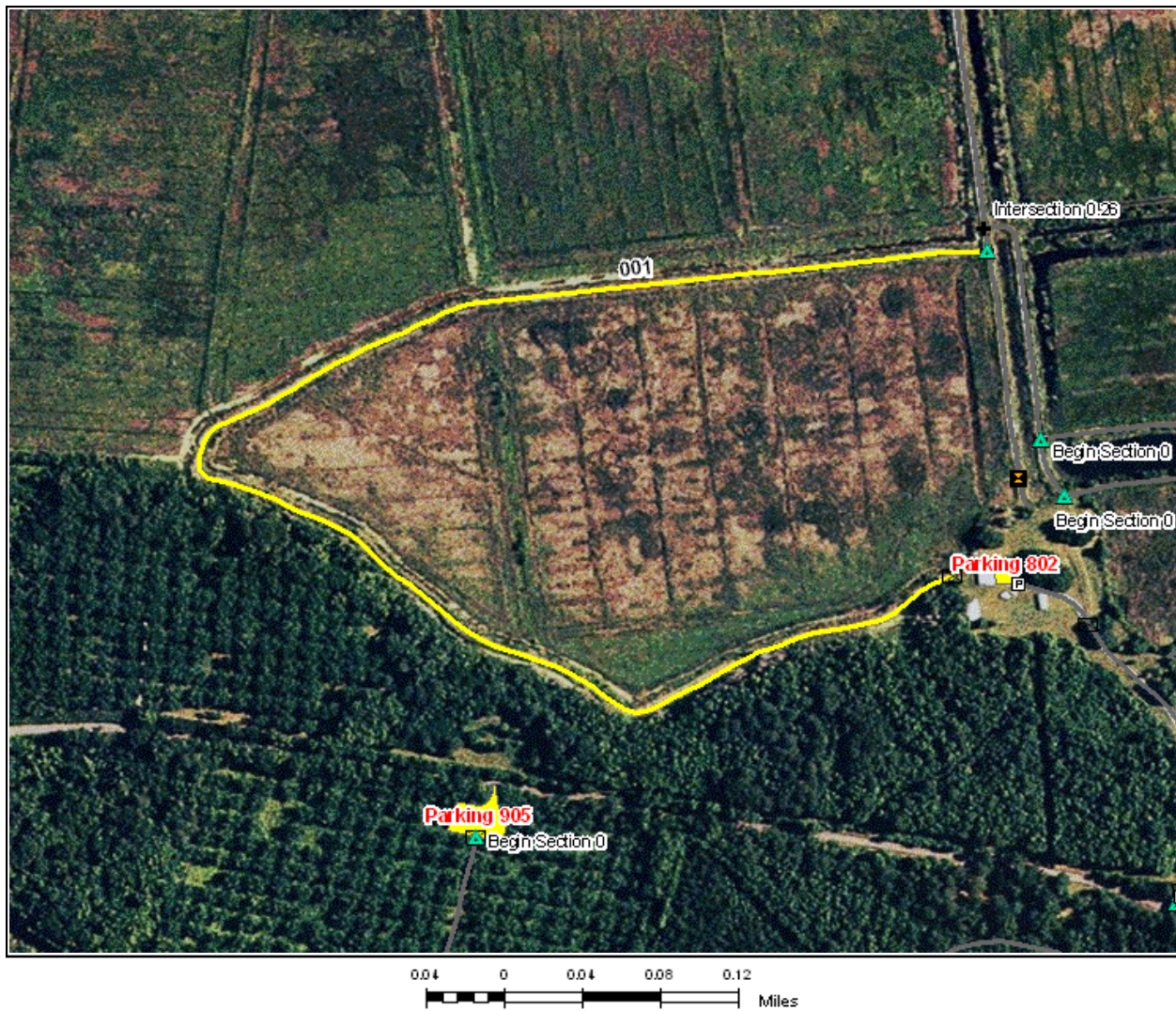


Route: 451 Bonny Hall Dike 1

Total Route Length: **0.43 Miles**

Route Description: From Bonny Hall Dike 5 (Route 449) to shop area

Asset Number	10045757
Section Number	001
Section Length (miles)	0.43
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	700
CRV	144,800.00



Route: 452 Bonny Hall Dike 2

Total Route Length: **0.88 Miles**

Route Description: From Bonny Hall Dike 1 (Route 451) to Bonny Hall Shop Parking (Route 802)

Asset Number	10015873
Section Number	001
Section Length (miles)	0.88
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,800
CRV	294,400.00



Route: 453 Bonny Hall Dike 7

Total Route Length: **0.17 Miles**

Route Description: From Bonny Hall Dike 9 (Route 456) to Bonny Hall Dike 1 (Route 451)

Asset Number	10015758
Section Number	001
Section Length (miles)	0.17
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	3
Cost Estimate	400
CRV	58,500.00

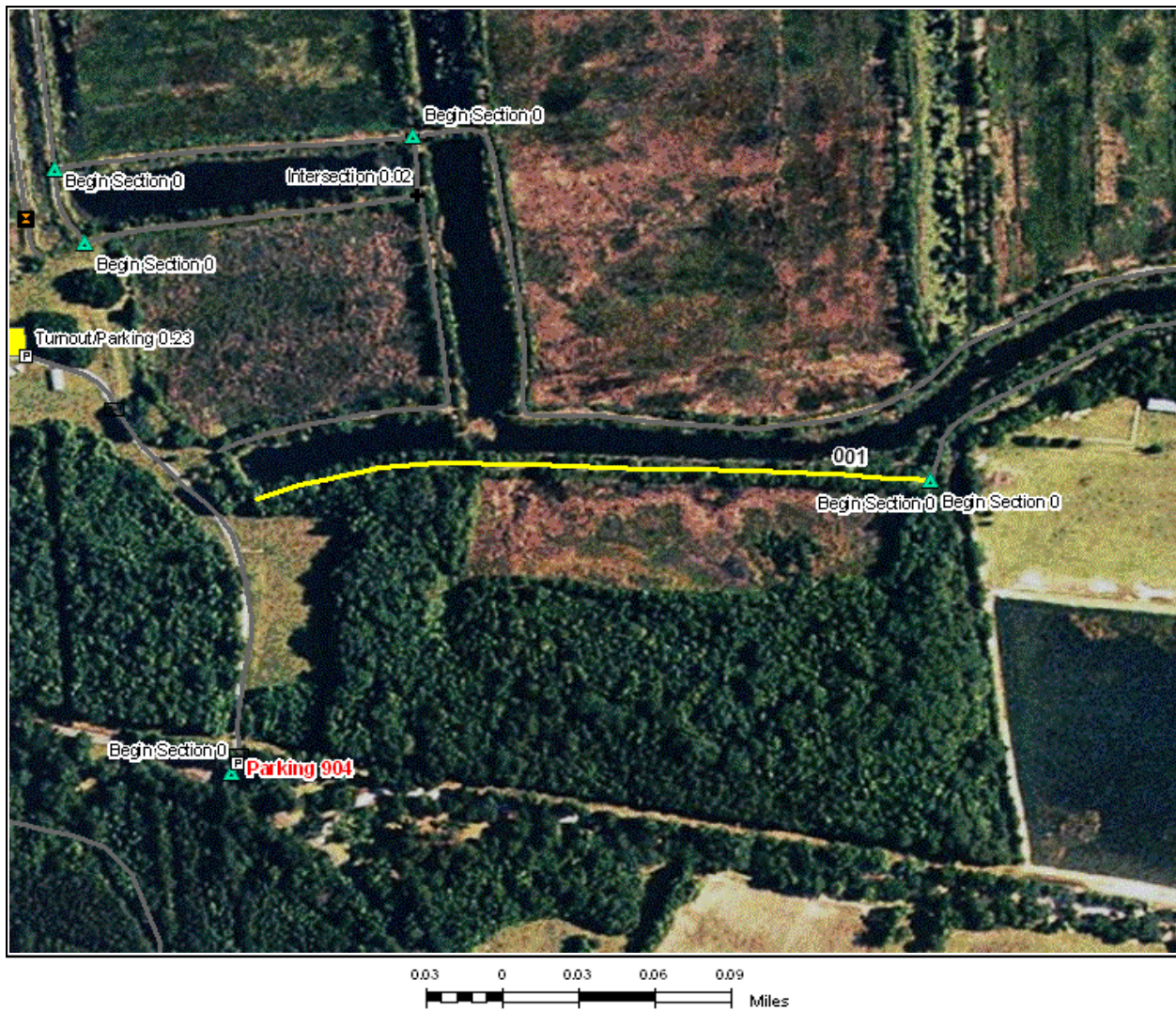


Route: 454 Bonny Hall Dike 3

Total Route Length: **0.63 Miles**

Route Description: From Bonny Hall Dike 5 (Route 449) to Bonny Hall Dike 7 (Route 453)

Asset Number	
Section Number	001
Section Length (miles)	0.63
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	1,300
CRV	210,500.00



Route: 455 Bonny Hall Dike 8

Total Route Length: **0.26 Miles**

Route Description: From Bonny Hall Dike 5 (Route 449) to Bonny Hall Entrance Road (Route 302)

Asset Number	
Section Number	001
Section Length (miles)	0.26
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	500
CRV	87,700.00

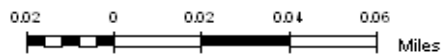
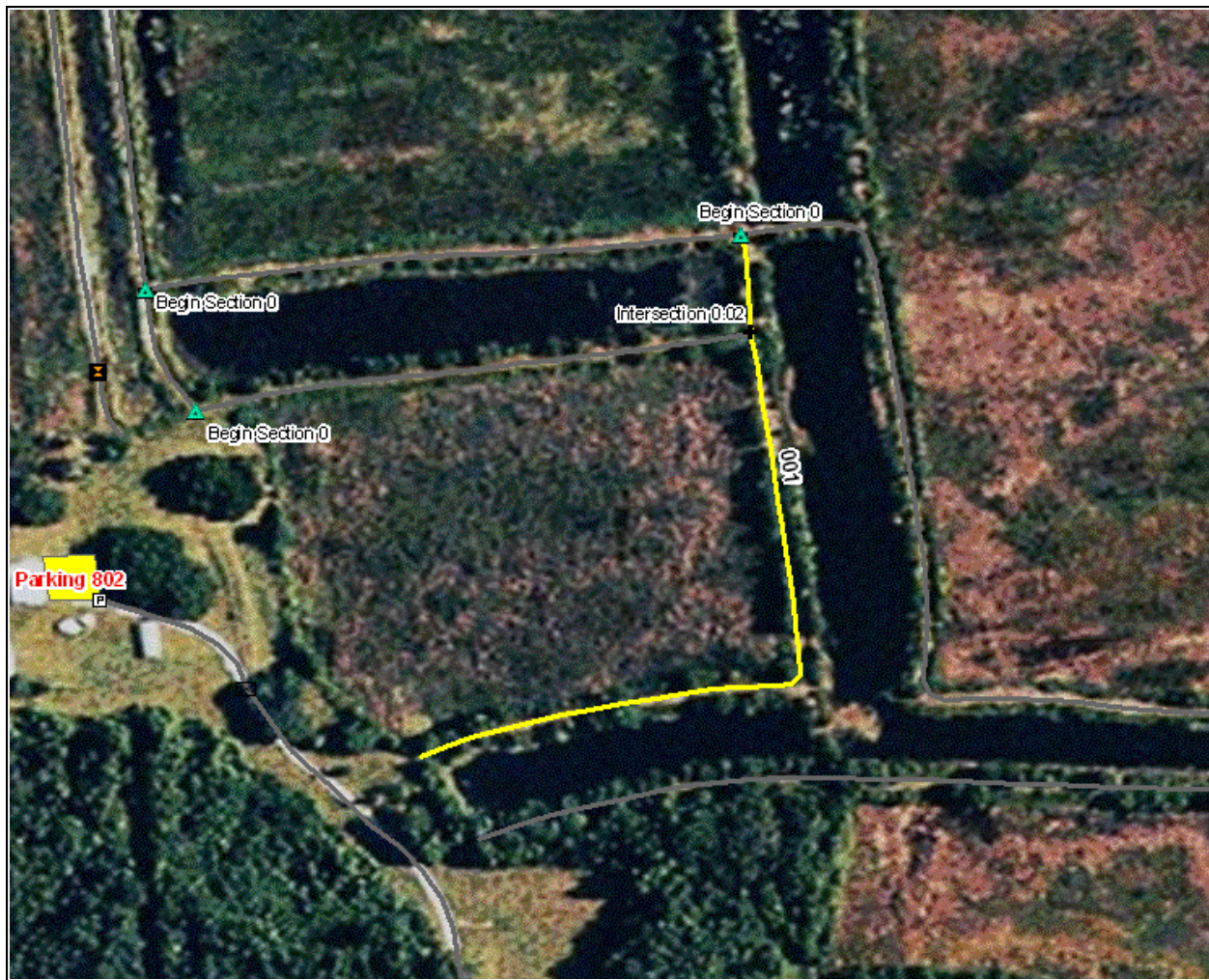


Route: 456 Bonny Hall Dike 9

Total Route Length: **0.13 Miles**

Route Description: From Bonny Hall Dike 7 (Route 453) to Bonny Hall Dike 4 (Route 457)

Asset Number	
Section Number	001
Section Length (miles)	0.13
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	300
CRV	43,400.00



Route: 457 Bonny Hall Dike 4

Total Route Length: **0.21 Miles**

Route Description: From Bonny Hall Dike 3 (Route 454) to Bonny Hall Entrance Road (Route 302)

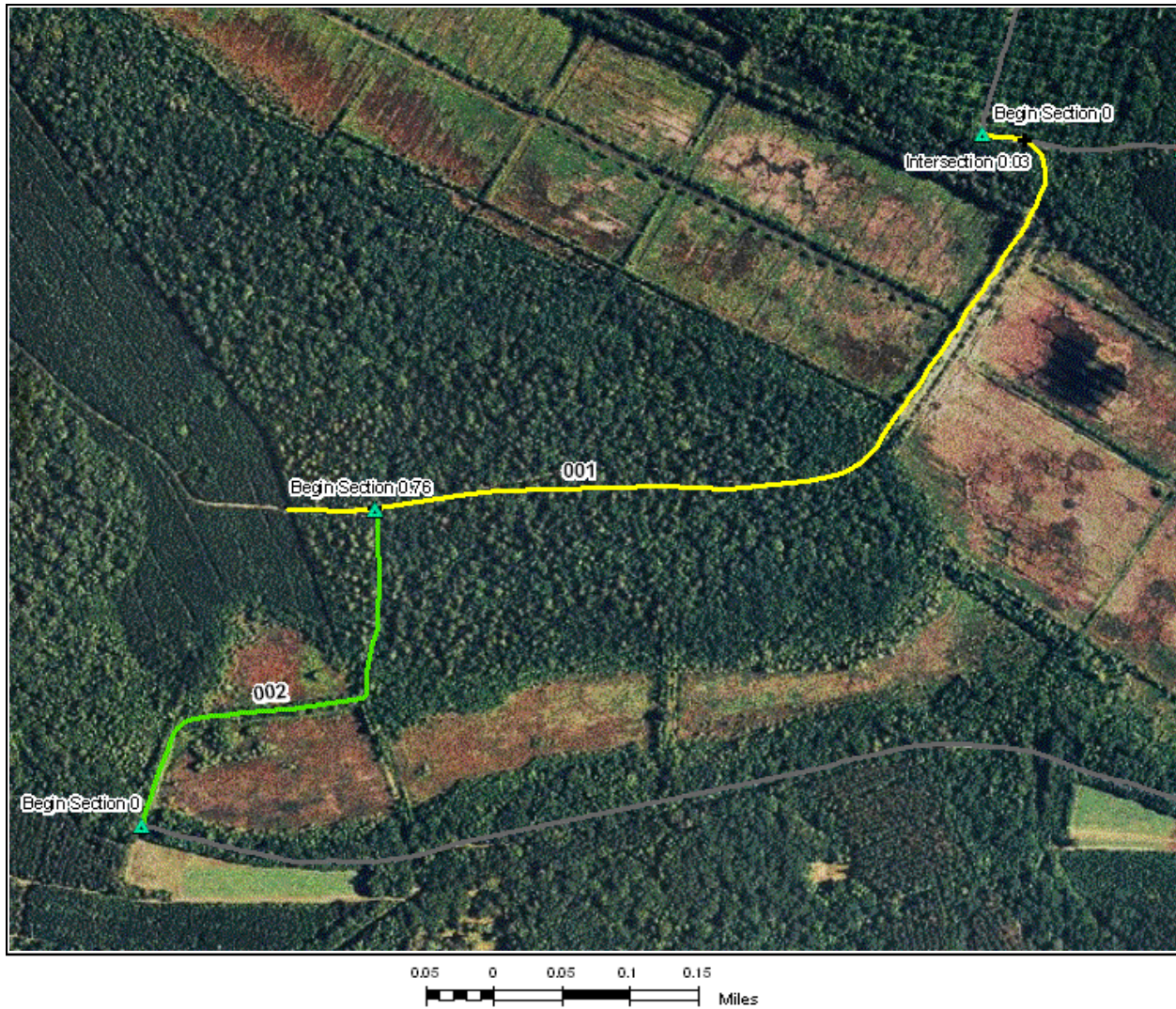
Asset Number	
Section Number	001
Section Length (miles)	0.21
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	4
Cost Estimate	400
CRV	71,300.00



Route: 458 Bonny Hall Pecan Grove Road Total Route Length: **0.16 Miles**

Route Description: From Pecan Grove Parking (Route 905) to Bonny Hall B6/B7 Road (Route 459)

Asset Number	10015831
Section Number	001
Section Length (miles)	0.16
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	300
CRV	52,200.00

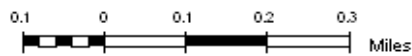
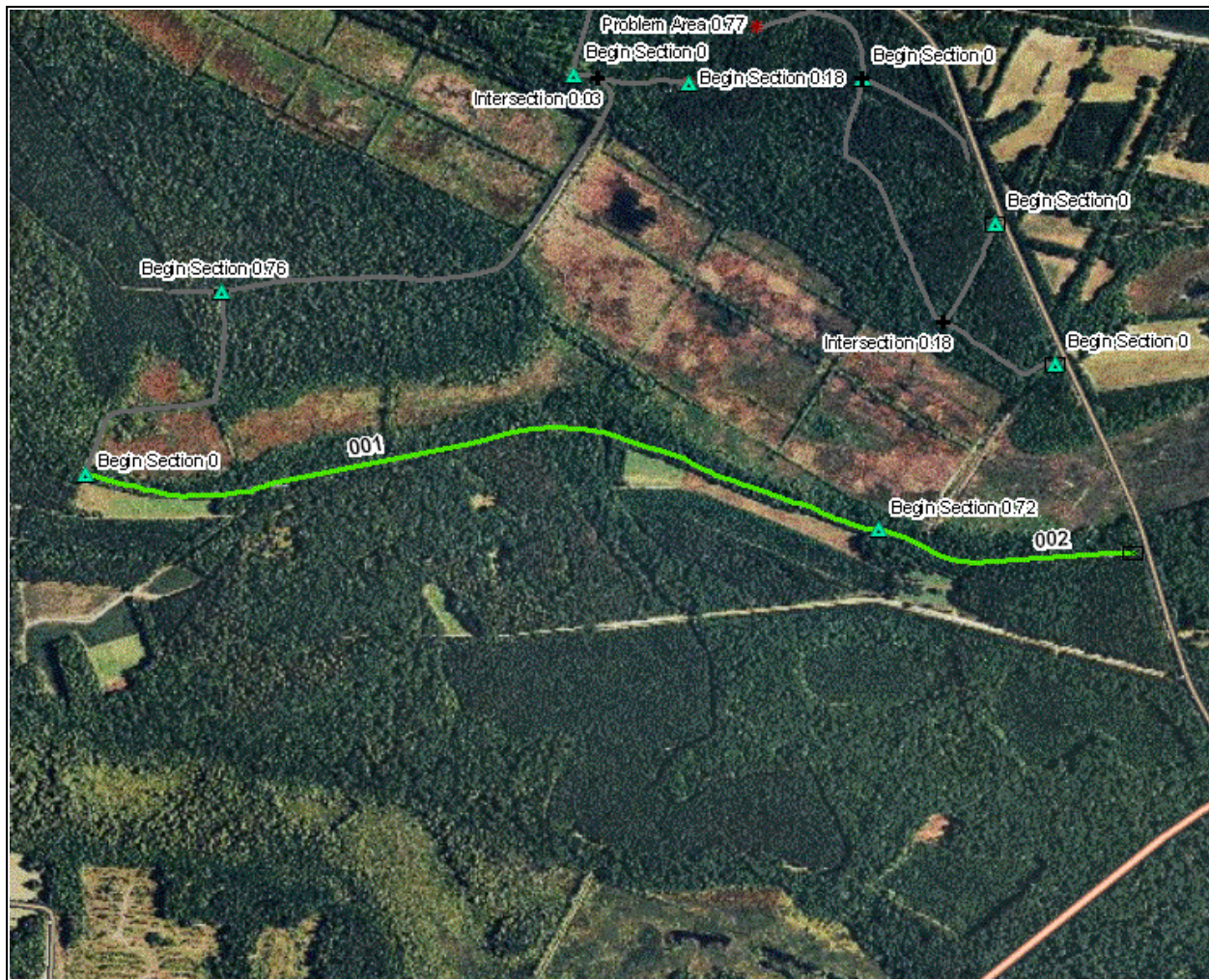


Route: 459 Bonny Hall B6/B7 Road

Total Route Length: **1.14 Miles**

Route Description: From Bonny Hall Pecan Grove Road (Route 459) to west boundary

Asset Number	10015832	10015832
Section Number	001	002
Section Length (miles)	0.76	0.38
Inspection Date	04/10/2010	04/10/2010
Section Information		
Surface Type	Native	Native
Number of Lanes	1	1
Roadway Width (feet)	10.00	10.00
Roadway Condition Information		
Condition	Fair	Good
Remaining Service Life (years)	4	5
Cost Estimate	1,500	600
CRV	254,000.00	129,100.00



Route: 460 Bonny Hall Road

Total Route Length: 1.35 Miles

Route Description: From Bonny Hall B6/B7 Road (Route 459), to East Boundary

Asset Number		
Section Number	001	002
Section Length (miles)	1.03	0.32
Inspection Date	04/10/2010	04/10/2010
Section Information		
Surface Type	Native	Native
Number of Lanes	1	1
Roadway Width (feet)	10.00	10.00
Roadway Condition Information		
Condition	Good	Good
Remaining Service Life (years)	5	7
Cost Estimate	1,700	500
CRV	344,100.00	108,600.00

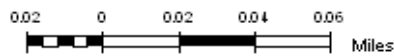
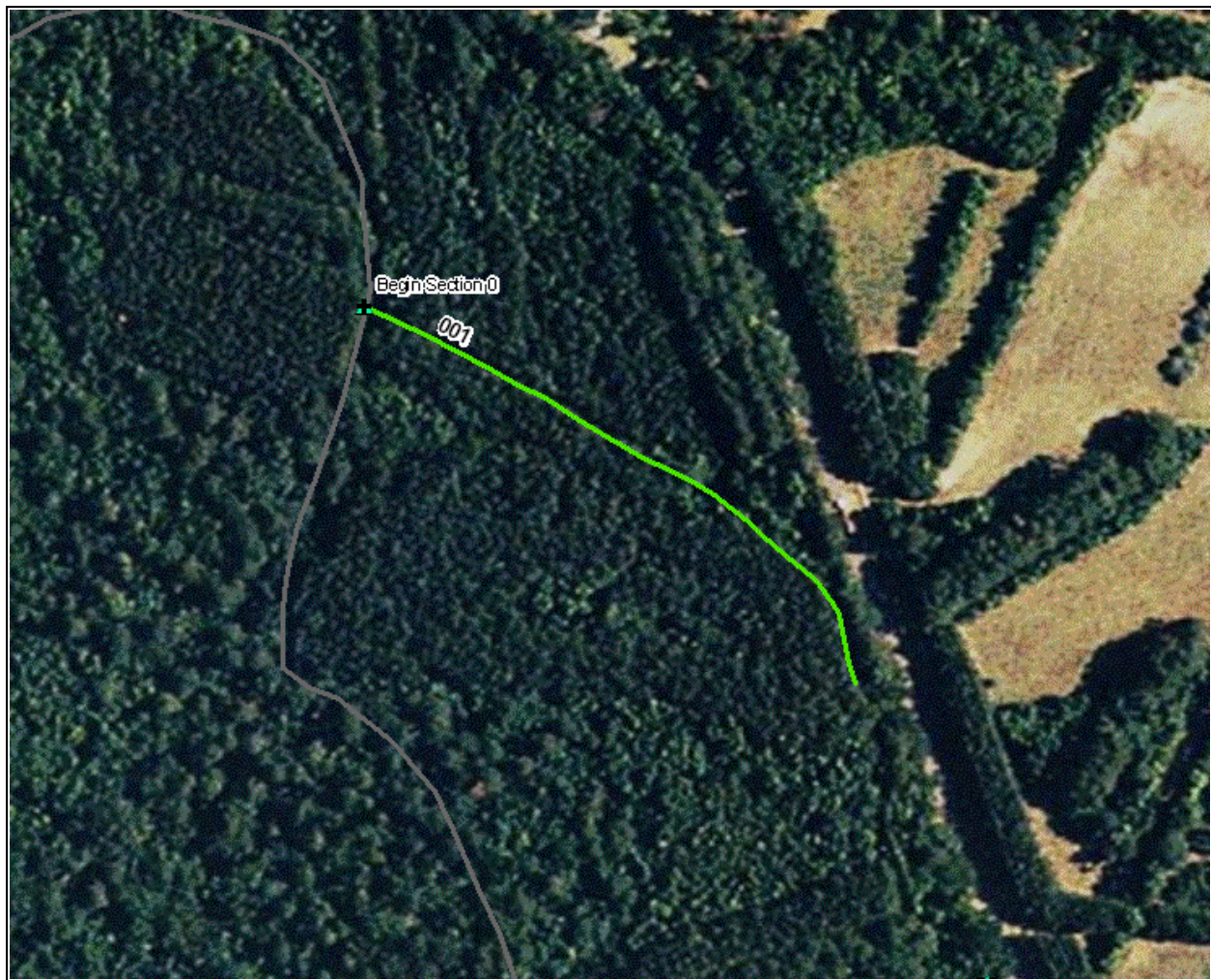


Route: 461 Bonny Hall B6 Perimeter Road

Total Route Length: **0.88 Miles**

Route Description: From River Road to Bonny Hall B6/B7 Road (Route 459)

Asset Number	10015759	10015759
Section Number	001	002
Section Length (miles)	0.77	0.11
Inspection Date	04/10/2010	04/10/2010
Section Information		
Surface Type	Native	Native
Number of Lanes	1	1
Roadway Width (feet)	10.00	10.00
Roadway Condition Information		
Condition	Good	Good
Remaining Service Life (years)	5	5
Cost Estimate	1,200	200
CRV	257,200.00	38,500.00

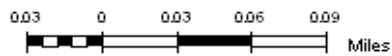
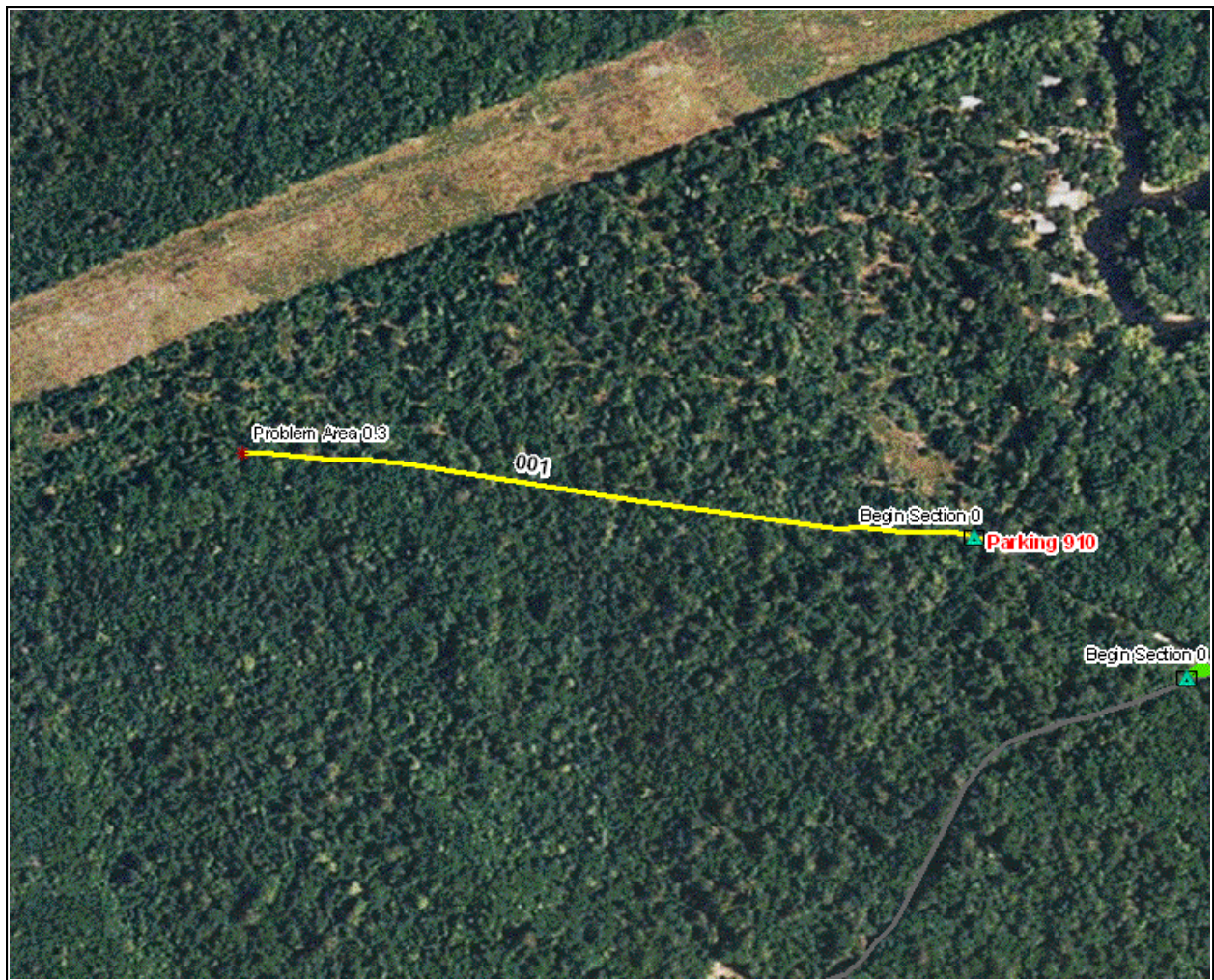


Route: 462 Bonny Hall B6 Perimeter Spur Road

Total Route Length: **0.18 Miles**

Route Description: From Bonny Hall B6 Perimeter Road (Route 461) to River Road

Asset Number	10015759
Section Number	001
Section Length (miles)	0.18
Inspection Date	04/10/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	300
CRV	61,100.00

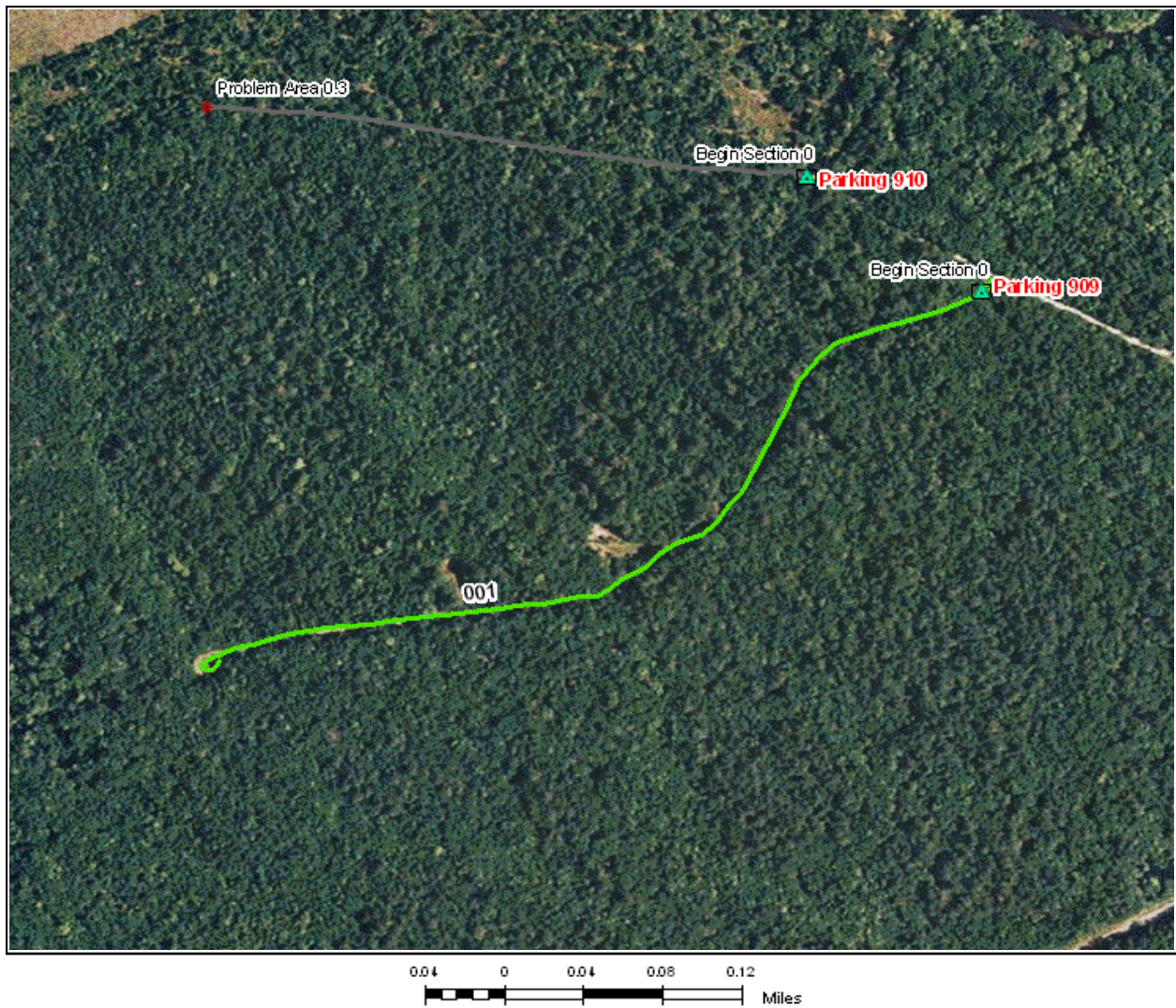


Route: 463 Upper Combahee Road 1

Total Route Length: **0.30 Miles**

Route Description: From Upper Combahee Parking 1 (Route 910) to problem area

Asset Number	10015835
Section Number	001
Section Length (miles)	0.30
Inspection Date	04/11/2010
Section Information	
Surface Type	Primitive
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Fair
Remaining Service Life (years)	3
Cost Estimate	200
CRV	0.00



Route: 464 Upper Combahee Road 2

Total Route Length: **0.49 Miles**

Route Description: From Upper Combahee Parking 2 (Route 909) to end

Asset Number	10015836
Section Number	001
Section Length (miles)	0.49
Inspection Date	04/11/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	800
CRV	162,900.00

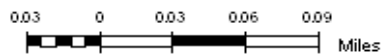


Route: 465 Upper Combahae Road 3

Total Route Length: **0.52 Miles**

Route Description: From Lower Road Parking (Route 908) to end

Asset Number	10015841
Section Number	001
Section Length (miles)	0.52
Inspection Date	04/11/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	800
CRV	173,200.00

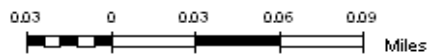


Route: 466 Upper Combahae Road 4

Total Route Length: **0.63 Miles**

Route Description: From Middle Road Parking (Route 907) to Upper Combahee Road 5 (Route 467)

Asset Number	10015839
Section Number	001
Section Length (miles)	0.63
Inspection Date	04/11/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	1,000
CRV	212,300.00



Route: 467 Upper Combahee Road 5

Total Route Length: **0.58 Miles**

Route Description: From Upper Combahee Road 4 (Route 466) to end

Asset Number	10015838
Section Number	001
Section Length (miles)	0.58
Inspection Date	04/11/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	900
CRV	193,700.00

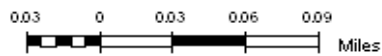


Route: 468 Upper Combahee Road 6

Total Route Length: **0.57 Miles**

Route Description: From Upper Combahee Road 4 (Route 466) to end

Asset Number	10015840
Section Number	001
Section Length (miles)	0.57
Inspection Date	04/11/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	900
CRV	191,600.00

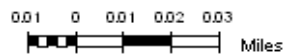


Route: 469 Upper Combahee Road 7

Total Route Length: **0.37 Miles**

Route Description: Upper Combahee Parking (Route 906) to end

Asset Number	10015837
Section Number	001
Section Length (miles)	0.37
Inspection Date	04/11/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	12.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	600
CRV	124,800.00

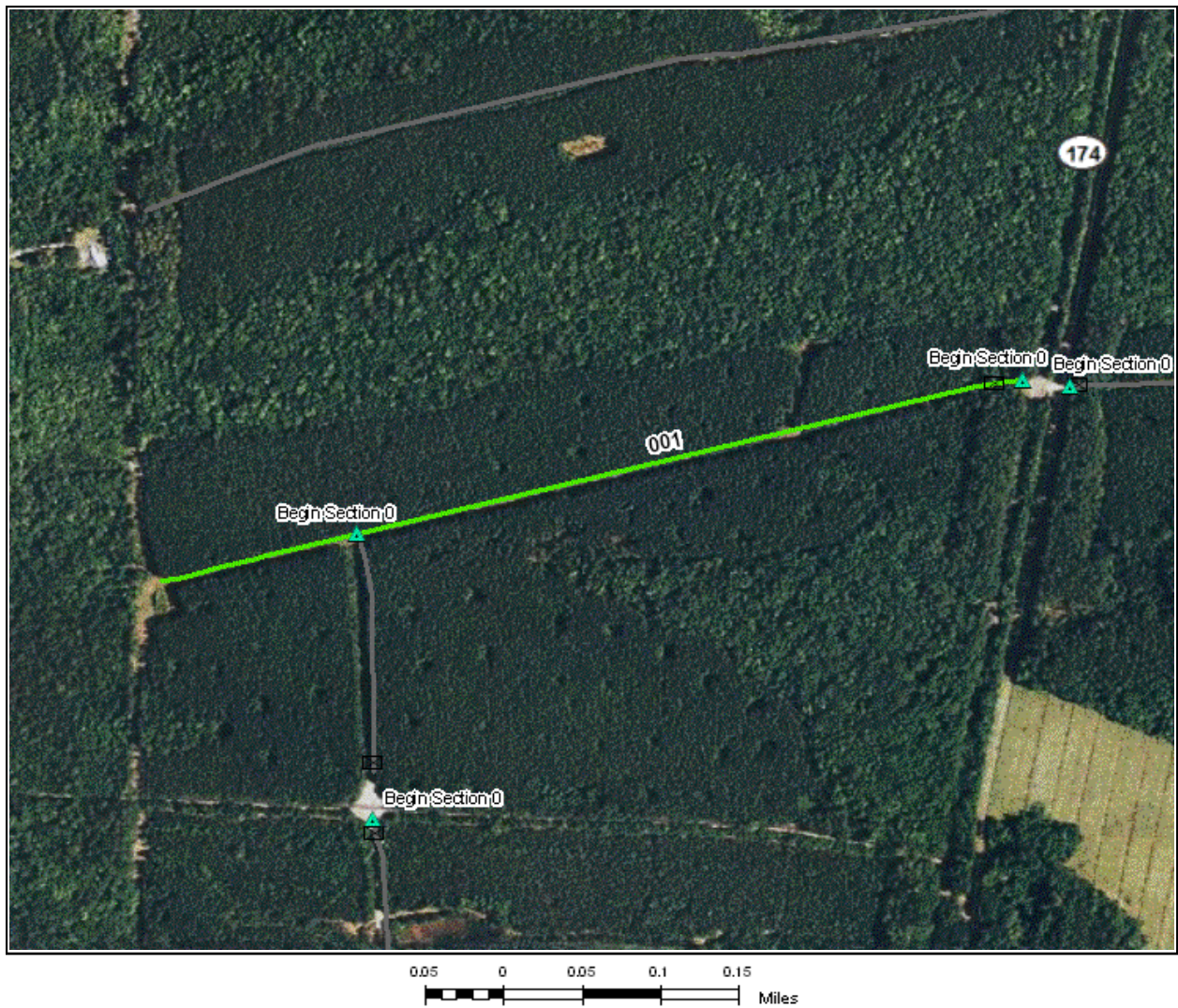


Route: 470 Bonny Hall Perimeter Entrance Road

Total Route Length: **0.16 Miles**

Route Description: From River Road to Bonny Hall B6 Perimeter Road (Route 461)

Asset Number	
Section Number	001
Section Length (miles)	0.16
Inspection Date	04/10/2010
Section Information	
Surface Type	Primitive
Number of Lanes	1
Roadway Width (feet)	10.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	5
Cost Estimate	100
CRV	0.00



Route: 471 Barrelville Road 4

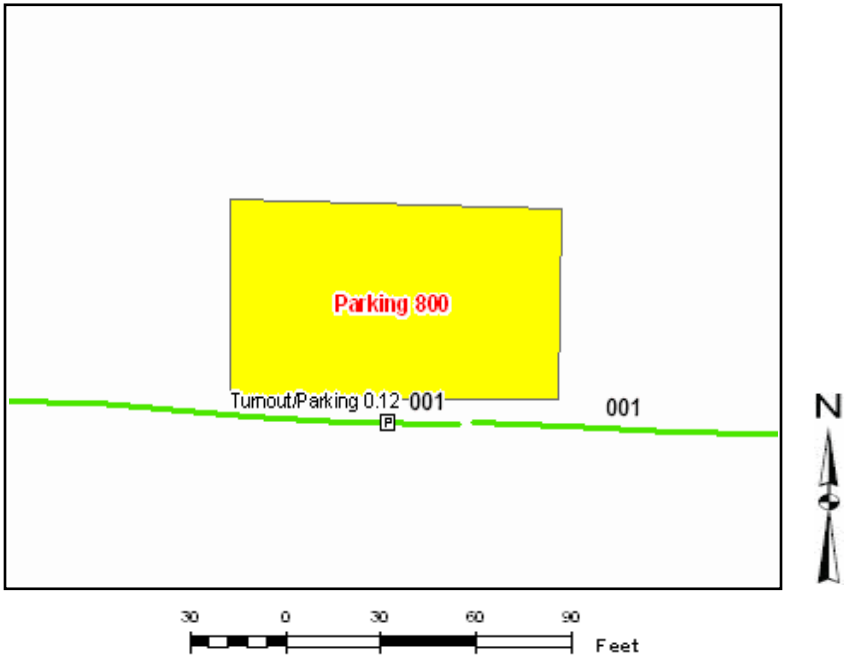
Total Route Length: **1.18 Miles**

Route Description: From State Highway 174 to west boundary

Asset Number	10043895
Section Number	001
Section Length (miles)	0.55
Inspection Date	04/09/2010
Section Information	
Surface Type	Native
Number of Lanes	1
Roadway Width (feet)	14.00
Roadway Condition Information	
Condition	Good
Remaining Service Life (years)	7
Cost Estimate	900
CRV	185,600.00

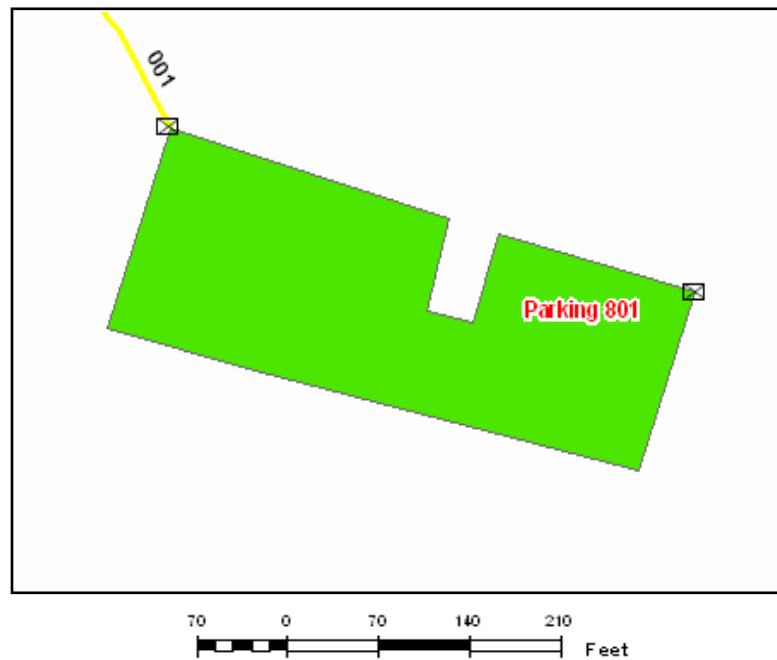
800: Old Shop Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	04/09/2010	Gravel	7,619	Fair	1,900



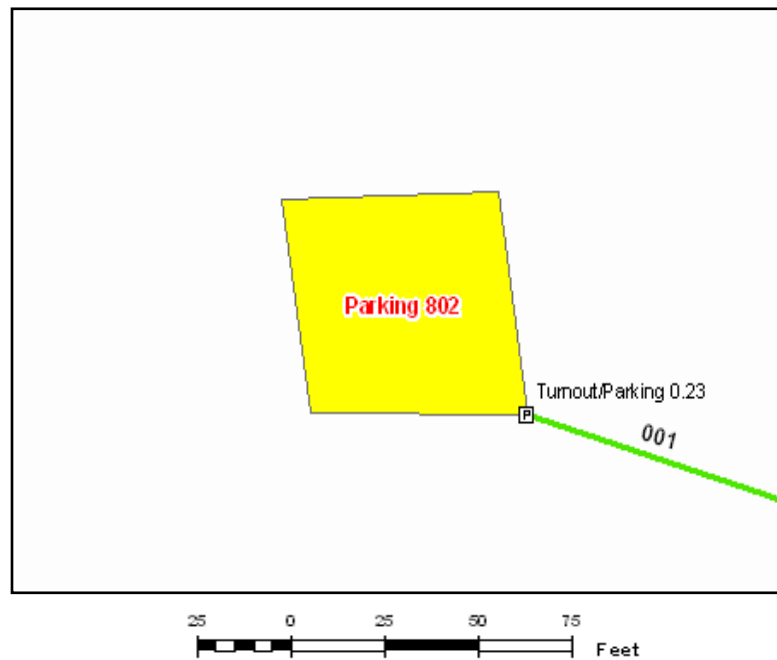
801: Shop Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	04/09/2010	Gravel	74,414	Good	10,500



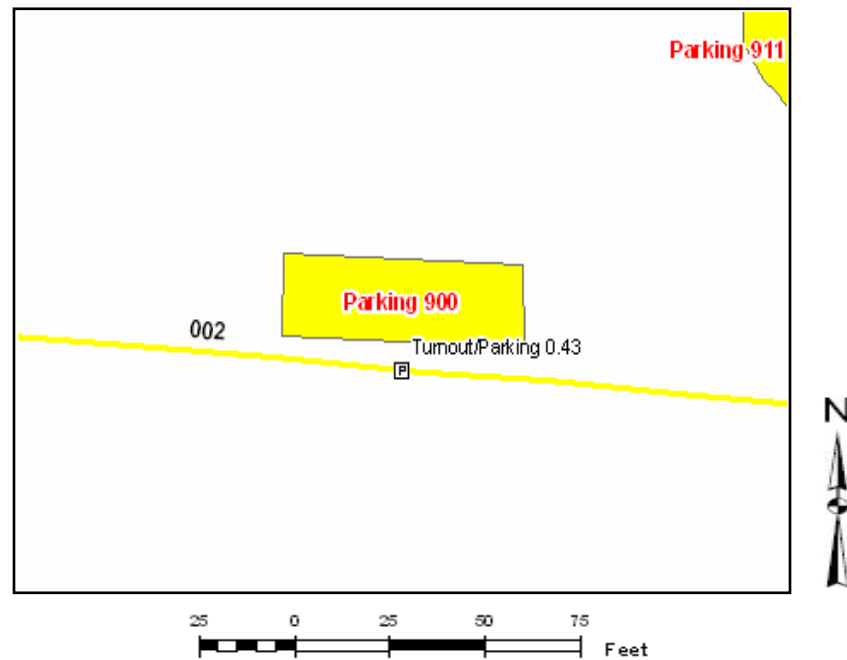
802: Bonny Hall Shop Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	04/10/2010	Gravel	4,062	Fair	1,000



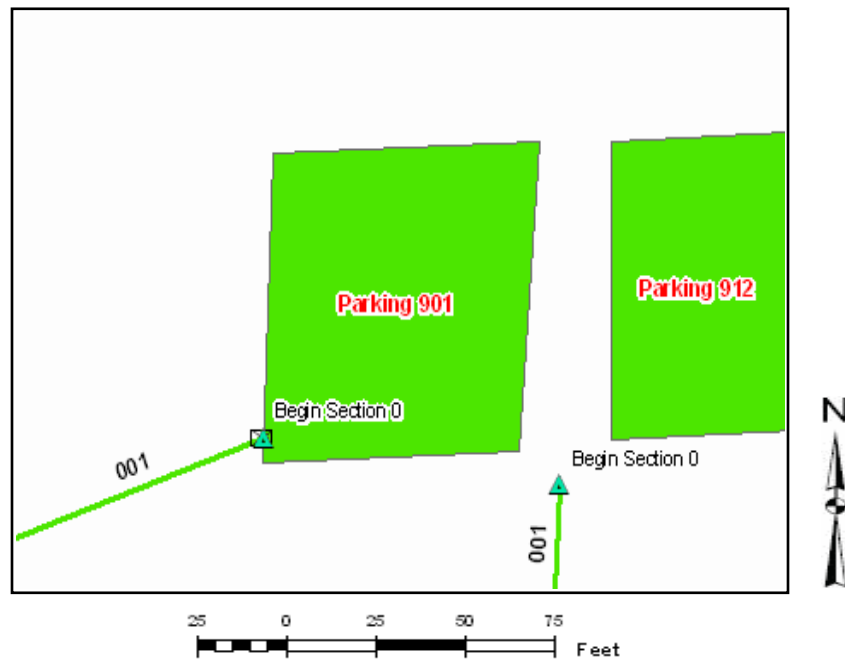
900: Headquarters/Visitors Center Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10037749	04/08/2010	Gravel	1,661	Fair	400



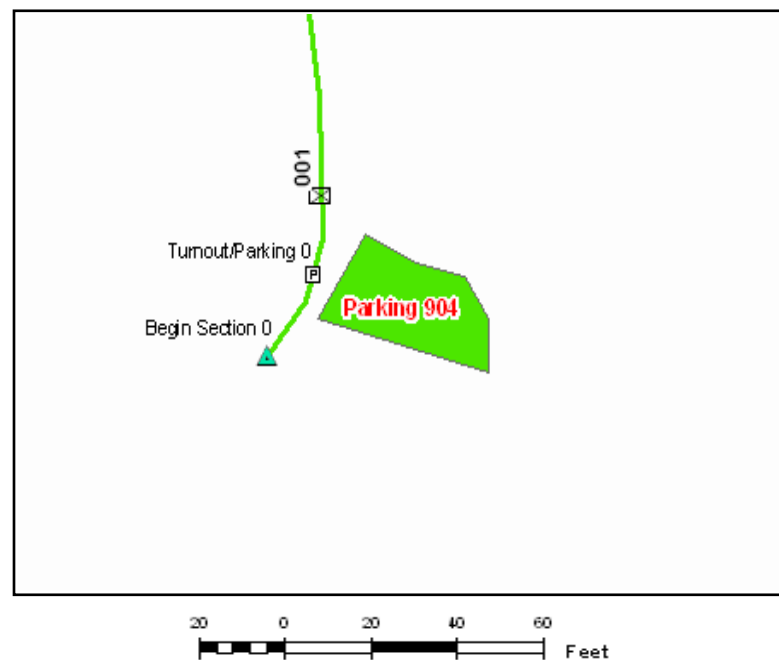
901: Entrance Gate Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10015869	05/23/2006	Native	7,687	Good	1,100



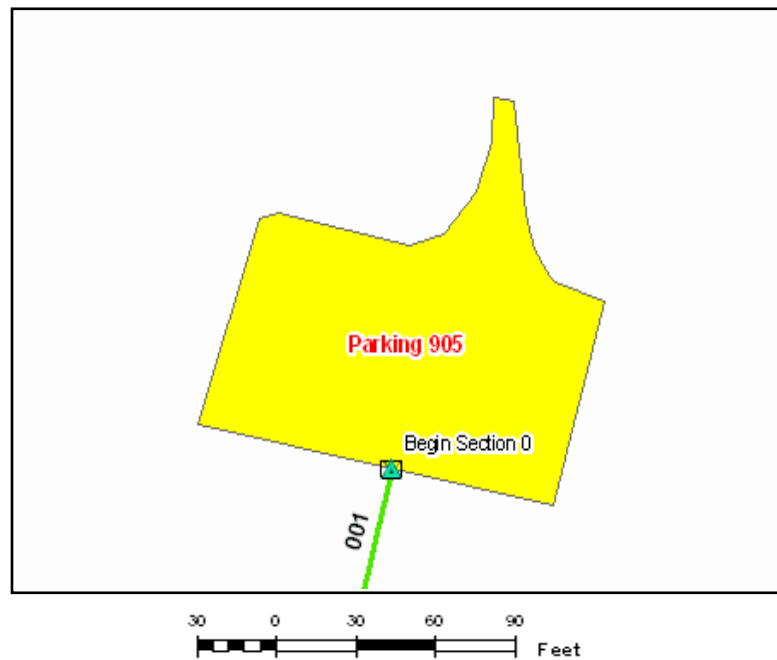
904: Bonny Hall Angler Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10015866	05/23/2006	Native	862	Good	100



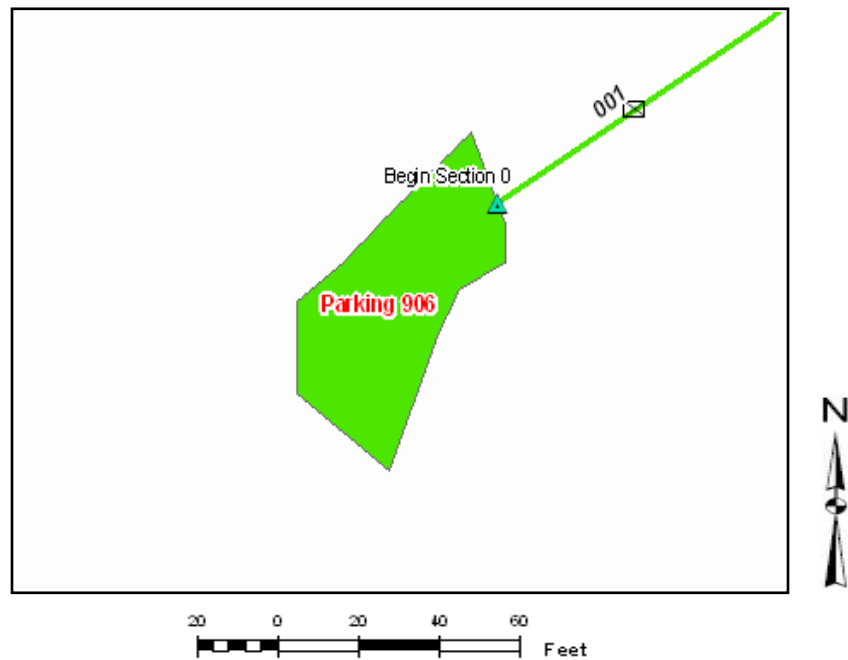
905: Pecan Grove Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10015866	04/10/2010	Gravel	15,265	Fair	3,800



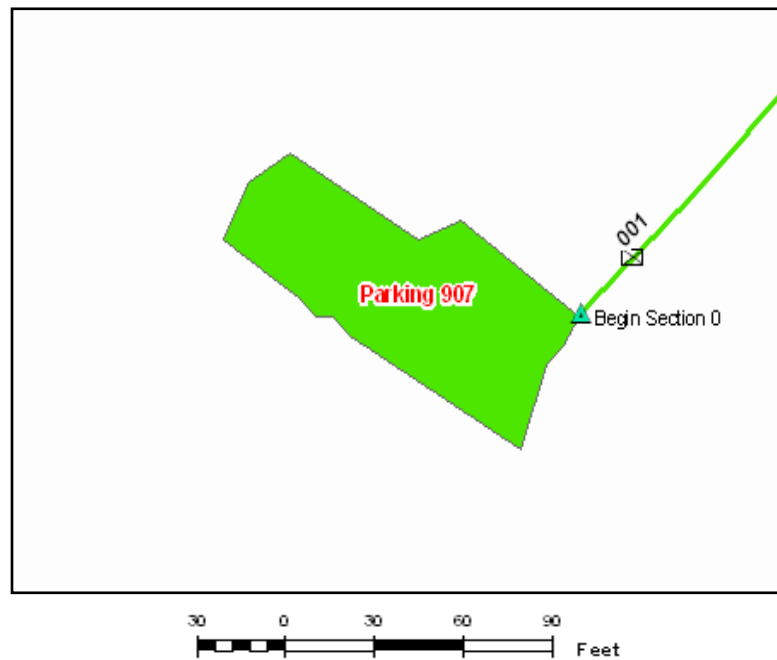
906: Upper Combahee Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10037751	05/23/2006	Native	2,572	Good	400



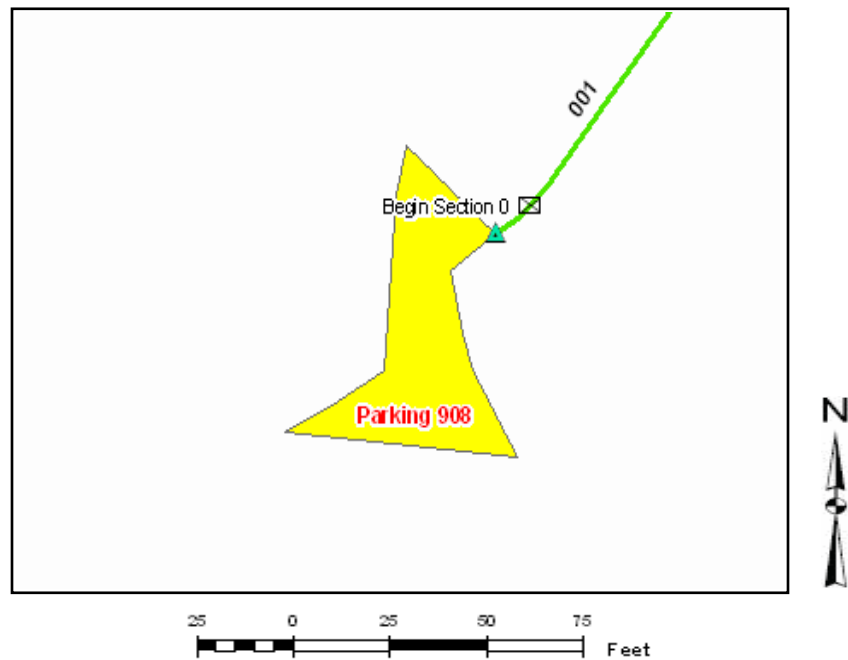
907: Middle Road Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10037751	05/23/2006	Native	6,348	Good	900



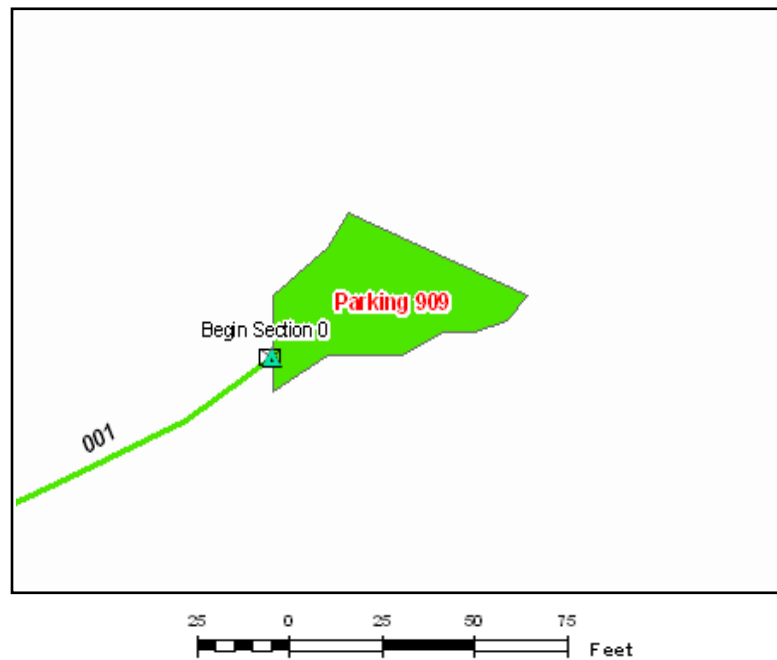
908: Lower Road Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10037751	05/23/2006	Native	2,198	Fair	500



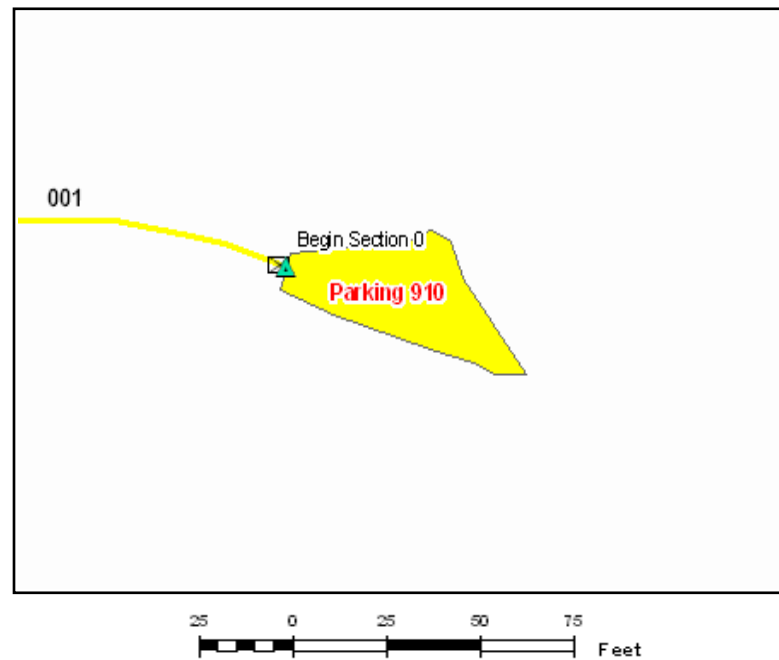
909: Upper Combahee Parking #2

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10037752	06/26/2006	Native	2,040	Good	300



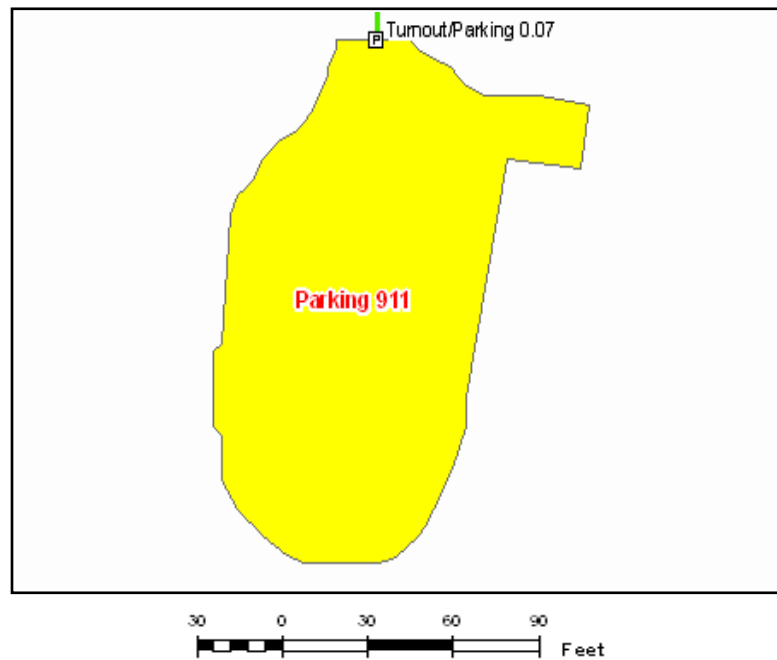
910: Upper Combahee Parking #1

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10037752	05/23/2006	Native	1,515	Fair	400



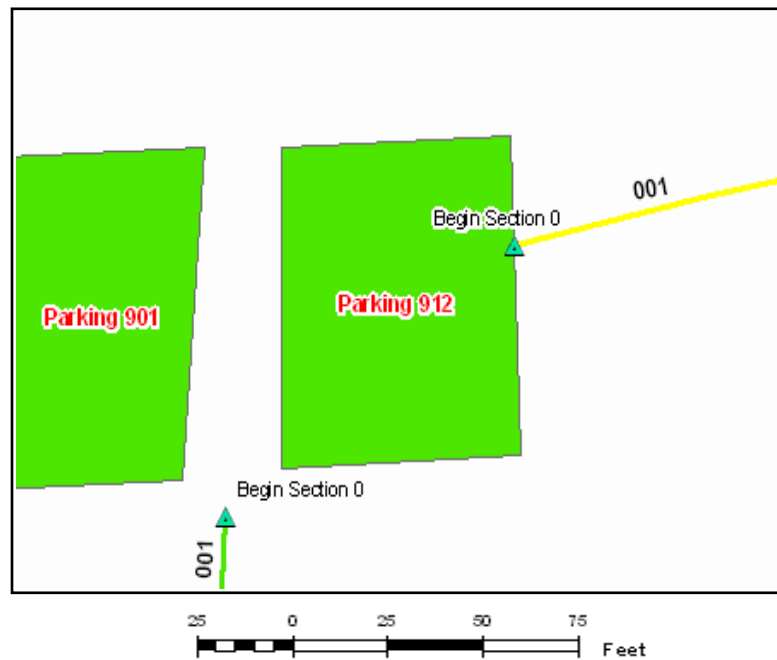
911: Visitor Access Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10043845	04/08/2010	Gravel	18,076	Fair	4,500



912: Entrance Gate Parking 2

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10015869	05/23/2006	Native	6,262	Good	900



Ace Basin Bridge Inventory					
Route #	Milepost	NBIS #	Sufficiency Rating	Functionally Obsolete	Structurally Deficient
415	0.70	N/A			
425	0.33	N/A			

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 011 ROUTE NAME: Headquarters/ Visitors Center Entrance Road



Photo # ACBA_C4_0161 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 011 ROUTE NAME: Headquarters/ Visitors Center Entrance Road



Photo # ACBA_C4_0222 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 011 ROUTE NAME: Headquarters/ Visitors Center Entrance Road



Photo # ACBA_C4_0219 - MP 0.02 - R 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 011 ROUTE NAME: Headquarters/ Visitors Center Entrance Road



Photo # ACBA_C4_0215 - MP 0.41 - Begin Section 002

ROUTE NUMBER: 103 ROUTE NAME: Headquarters/ Visitors Center Main Parking Access



Photo # ACBA_C4_0212 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 300 ROUTE NAME: Old Shop Road



Photo # ACBA_C4_0267 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 301 ROUTE NAME: Shop Road



Photo # ACBA_C4_0273 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 302 ROUTE NAME: Bonny Hall Entrance Road



Photo # ACBA_C4_0336 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 400 ROUTE NAME: Grove Perimeter Road



Photo # ACBA_C4_0201 - MP 0.63 - R 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 400 ROUTE NAME: Grove Perimeter Road



Photo # ACBA_C4_0165 - MP 0.97 - Begin Section 002

ROUTE NUMBER: 401 ROUTE NAME: Grove Silo Road



Photo # ACBA_C4_0167 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 402 ROUTE NAME: North Photo Blind Road



Photo # ACBA_C4_0170 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 403 ROUTE NAME: West Railroad Grade Grove Road



Photo # ACBA_C4_0173 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 403 ROUTE NAME: West Railroad Grade Grove Road



Photo # ACBA_C4_0174 - MP 0.48 - R 001

ROUTE NUMBER: 404 ROUTE NAME: Railroad Grade to Edisto River



Photo # ACBA_C4_0177 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 404 ROUTE NAME: Railroad Grade to Edisto River



Photo # ACBA_C4_0179 - MP 0.13 - R 001

ROUTE NUMBER: 404 ROUTE NAME: Railroad Grade to Edisto River



Photo # ACBA_C4_0182 - MP 0.99 - Begin Section 002

ROUTE NUMBER: 405 ROUTE NAME: Grove Road



Photo # ACBA_C4_0183 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 405 ROUTE NAME: Grove Road



Photo # ACBA_C4_0184 - MP 0.43 - Begin Section 002

ROUTE NUMBER: 406 ROUTE NAME: Grove Upper Perimeter Road



Photo # ACBA_C4_0188 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 407 ROUTE NAME: Grove Yellow Gate Road



Photo # ACBA_C4_0190 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 408 ROUTE NAME: Grove Interior Road 4



Photo # ACBA_C4_0194 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 409 ROUTE NAME: Grove Interior Road 1



Photo # ACBA_C4_0196 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 410 ROUTE NAME: Grove Interior Road 2



Photo # ACBA_C4_0197 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 410 ROUTE NAME: Grove Interior Road 2



Photo # ACBA_C4_0199 - MP 0.60 - R 001

ROUTE NUMBER: 411 ROUTE NAME: Grove Interior Road 3



Photo # ACBA_C4_0203 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 411 ROUTE NAME: Grove Interior Road 3



Photo # ACBA_C4_0204 - MP 0.20 - Problem Area 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 411 ROUTE NAME: Grove Interior Road 3



Photo # ACBA_C4_0205 - MP 0.20 - Begin Section 002

ROUTE NUMBER: 411 ROUTE NAME: Grove Interior Road 3



Photo # ACBA_C4_0206 - MP 0.36 - R 002

ROUTE NUMBER: 412 ROUTE NAME: Grove Interior Road



Photo # ACBA_C4_0208 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 413 ROUTE NAME: Grove Shell Road



Photo # ACBA_C4_0209 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 414 ROUTE NAME: Interior Road



Photo # ACBA_C4_0210 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 415 ROUTE NAME: Edisto River Road



Photo # ACBA_C4_0224 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 415 ROUTE NAME: Edisto River Road



Photo # ACBA_C4_0226 - MP 0.20 - Begin Section 002

ROUTE NUMBER: 416 ROUTE NAME: Bluff Road



Photo # ACBA_C4_0225 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 417 ROUTE NAME: Slave Cabin Road



Photo # ACBA_C4_0228 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 418 ROUTE NAME: Live Oak Avenue Road



Photo # ACBA_C4_0229 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 419 ROUTE NAME: North Road



Photo # ACBA_C4_0235 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 420 ROUTE NAME: East Island Road



Photo # ACBA_C4_0238 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 421 ROUTE NAME: J2 Dike Road



Photo # ACBA_C4_0239 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 422 ROUTE NAME: Cistern Road



Photo # ACBA_C4_0242 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 423 ROUTE NAME: West Vista Road



Photo # ACBA_C4_0245 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 424 ROUTE NAME: May Bank Road



Photo # ACBA_C4_0246 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 425 ROUTE NAME: Alexander Pond



Photo # ACBA_C4_0249 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 426 ROUTE NAME: Grove Impoundment Dike



Photo # ACBA_C4_0263 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 426 ROUTE NAME: Grove Impoundment Dike



Photo # ACBA_C4_0253 - MP 0.33 - Begin Section 002

ROUTE NUMBER: 426 ROUTE NAME: Grove Impoundment Dike



Photo # ACBA_C4_0256 - MP 1.29 - Begin Section 003

ROUTE NUMBER: 427 ROUTE NAME: Photo Blind Road



Photo # ACBA_C4_0259 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 428 ROUTE NAME: Cross Dike



Photo # ACBA_C4_0264 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 429 ROUTE NAME: Barrelville Road 1



Photo # ACBA_C4_0278 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 430 ROUTE NAME: Barrelville Road 2



Photo # ACBA_C4_0280 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 431 ROUTE NAME: Barrelville Road 3



Photo # ACBA_C4_0281 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 432 ROUTE NAME: Barrelville Road 5



Photo # ACBA_C4_0284 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 433 ROUTE NAME: Barrelville Road 6



Photo # ACBA_C4_0286 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 434 ROUTE NAME: Combahee Fields Dike 94



Photo # ACBA_C4_0289 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 435 ROUTE NAME: Combahee Fields Dike 95



Photo # ACBA_C4_0292 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 436 ROUTE NAME: Combahee Fields Dike 158



Photo # ACBA_C4_0297 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 437 ROUTE NAME: Combahee Fields Dike 93



Photo # ACBA_C4_0300 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 437 ROUTE NAME: Combahee Fields Dike 93



Photo # ACBA_C4_0305 - MP 1.02 - Begin Section 002

ROUTE NUMBER: 438 ROUTE NAME: Combahee Fields Dike 96



Photo # ACBA_C4_0306 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 439 ROUTE NAME: Combahee Fields Dike 98



Photo # ACBA_C4_0307 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 440 ROUTE NAME: Combahee Fields Dike 158



Photo # ACBA_C4_0312 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 441 ROUTE NAME: Combahee Fields Dike 97



Photo # ACBA_C4_0313 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 442 ROUTE NAME: Combahee Fields Dike 100



Photo # ACBA_C4_0314 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 443 ROUTE NAME: Combahee Fields Dike 93



Photo # ACBA_C4_0319 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 443 ROUTE NAME: Combahee Fields Dike 93



Photo # ACBA_C4_0322 - MP 1.06 - Begin Section 002

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 444 ROUTE NAME: Combahee Fields Dike 126



Photo # ACBA_C4_0323 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 445 ROUTE NAME: Combahee Fields Dike 99



Photo # ACBA_C4_0326 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 445 ROUTE NAME: Combahee Fields Dike 99



Photo # ACBA_C4_0329 - MP 0.97 - Begin Section 002

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 446 ROUTE NAME: Combahee Fields Dike 155



Photo # ACBA_C4_0330 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 447 ROUTE NAME: Combahee Fields Dike 156



Photo # ACBA_C4_0333 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 448 ROUTE NAME: Combahee Fields Dike 157



Photo # ACBA_C4_0334 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 449 ROUTE NAME: Bonny Hall Dike 5



Photo # ACBA_C4_0343 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 449 ROUTE NAME: Bonny Hall Dike 5



Photo # ACBA_C4_0344 - MP 0.97 - Begin Section 002

ROUTE NUMBER: 450 ROUTE NAME: Bonny Hall Dike 6



Photo # ACBA_C4_0349 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 450 ROUTE NAME: Bonny Hall Dike 6



Photo # ACBA_C4_0352 - MP 0.97 - Begin Section 002

ROUTE NUMBER: 450 ROUTE NAME: Bonny Hall Dike 6



Photo # ACBA_C4_0357 - MP 1.96 - Begin Section 003

ROUTE NUMBER: 451 ROUTE NAME: Bonny Hall Dike 1



Photo # ACBA_C4_0360 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 452 ROUTE NAME: Bonny Hall Dike 2



Photo # ACBA_C4_0361 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 453 ROUTE NAME: Bonny Hall Dike 7



Photo # ACBA_C4_0364 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 454 ROUTE NAME: Bonny Hall Dike 3



Photo # ACBA_C4_0367 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 455 ROUTE NAME: Bonny Hall Dike 8



Photo # ACBA_C4_0368 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 456 ROUTE NAME: Bonny Hall Dike 9



Photo # ACBA_C4_0369 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 457 ROUTE NAME: Bonny Hall Dike 4



Photo # ACBA_C4_0370 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 458 ROUTE NAME: Bonny Hall Pecan Grove Road



Photo # ACBA_C4_0374 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 459 ROUTE NAME: Bonny Hall B6/B7 Road



Photo # ACBA_C4_0376 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 459 ROUTE NAME: Bonny Hall B6/B7 Road



Photo # ACBA_C4_0377 - MP 0.76 - Begin Section 002

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 460 ROUTE NAME: Bonny Hall Road



Photo # ACBA_C4_0378 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 460 ROUTE NAME: Bonny Hall Road



Photo # ACBA_C4_0379 - MP 1.02 - R 001

ROUTE NUMBER: 460 ROUTE NAME: Bonny Hall Road



Photo # ACBA_C4_0381 - MP 0.72 - Begin Section 002

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 461 ROUTE NAME: Bonny Hall B6 Perimeter Road



Photo # ACBA_C4_0387 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 461 ROUTE NAME: Bonny Hall B6 Perimeter Road



Photo # ACBA_C4_0388 - MP 0.77 - Problem Area 001

ROUTE NUMBER: 461 ROUTE NAME: Bonny Hall B6 Perimeter Road



Photo # ACBA_C4_0390 - MP 0.77 - Begin Section 002

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 461 ROUTE NAME: Bonny Hall B6 Perimeter Road



Photo # ACBA_C4_0391 - MP 0.77 - Problem Area 002

ROUTE NUMBER: 462 ROUTE NAME: Bonny Hall B6 Perimeter Spur Road



Photo # ACBA_C4_0389 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 463 ROUTE NAME: Upper Combahaee Road 1



Photo # ACBA_C4_0393 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 463 ROUTE NAME: Upper Combahaee Road 1



Photo # ACBA_C4_0394 - MP 0.30 - Problem Area 001

ROUTE NUMBER: 464 ROUTE NAME: Upper Combahaee Road 2



Photo # ACBA_C4_0396 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 464 ROUTE NAME: Upper Combahaee Road 2



Photo # ACBA_C4_0397 - MP 0.30 - R 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 464 ROUTE NAME: Upper Combahae Road 2



Photo # ACBA_C4_0400 - MP 0.35 - R 001

ROUTE NUMBER: 465 ROUTE NAME: Upper Combahae Road 3



Photo # ACBA_C4_0403 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 466 ROUTE NAME: Upper Combahae Road 4



Photo # ACBA_C4_0405 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 466 ROUTE NAME: Upper Combahaee Road 4



Photo # ACBA_C4_0406 - MP 0.28 - R 001

ROUTE NUMBER: 467 ROUTE NAME: Upper Combahaee Road 5



Photo # ACBA_C4_0408 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 467 ROUTE NAME: Upper Combahaee Road 5



Photo # ACBA_C4_0409 - MP 0.18 - R 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 467 ROUTE NAME: Upper Combahaee Road 5



Photo # ACBA_C4_0411 - MP 0.28 - R 001

ROUTE NUMBER: 468 ROUTE NAME: Upper Combahaee Road 6



Photo # ACBA_C4_0412 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 469 ROUTE NAME: Upper Combahaee Road 7



Photo # ACBA_C4_0414 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 470 ROUTE NAME: Bonny Hall Perimeter Entrance Road



Photo # ACBA_C4_0383 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 471 ROUTE NAME: Barrelville Road 4



Photo # ACBA_C4_0282 - MP 0.00 - Begin Section 001

Accident Summary

Number of Accidents Reported	Timespan of Accidents	Injuries	Fatalities
0	No Accidents to Report	0	0

APPENDIX

TABLE 1 - GENERAL FWS ROAD FUNCTIONAL CLASSIFICATION	
Class I	Principal Refuge Road (Public Roads) - Routes that constitute the main access route, main auto tour route, or thoroughfare for refuge visitors. These routes are accessible by 2WD vehicles. Routes are numbered from 10 to 99.
Class II	Connector Refuge Road (Public Roads) - Routes that provide circulation within the refuge. These routes can also provide access to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, education centers, etc. These routes are accessible by 2WD vehicles. Routes are numbered from 100 to 199.
Class III	Special Purpose Refuge Road (Public Roads) - Roads that provide circulation within special use areas such as campgrounds or public concessionaire facilities or access to remote areas of the refuge. These routes may not be 2WD accessible. Routes are numbered from 200 to 299
Class IV	Administrative Access Road (Administrative Roads) - Routes intended for access to administrative developments or structures such as maintenance offices, employee quarters, or utility areas. These routes are accessible by 2WD vehicles. These routes may restrict access to the general public. Routes are numbered from 300 to 399.
Class V	Restricted Road (Administrative Roads) - Routes normally closed to the public, such as maintenance roads, service roads, patrol roads, and fire breaks. These routes may be open to the public for a short period of time for a special use, such as hunting access. These routes may not be 2WD accessible. Routes are numbered from 400 to 499.

A refuge road system contains those routes within or giving access to a refuge or other unit of the FWS that are administered by the FWS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a refuge road is not based on traffic volumes or design speed, but on the intended use or function of that route

DESCRIPTION OF RATING SYSTEM

Rating Data is collected on four different surface types: Asphalt, Concrete, Gravel, and Native. The Utah LTAP Center's Remaining Service Life (RSL) system is used for all surface types. The RSL system is based on the Strategic Highway Research Program's (SHRP) Distress Identification Manual.

Asphalt Rating System

Data is collected on the following distresses and conditions:

- **Fatigue Cracking** - Interconnected cracks forming small irregular shapes.
- **Longitudinal Cracking** - Cracks running parallel with the roadway, in the direction of traffic.
- **Transverse Cracking** - Cracks perpendicular to the roadway, going across the lane or lanes.
- **Block Cracking** - Interconnected cracks forming large blocks.
- **Edge Cracking** - Cracks running along the edge of the pavement surface.
- **Patches** - Original surface repaired with new asphalt patch material.
- **Potholes** - Holes or depressions in the pavement.
- **Rutting** - surface depressions in the wheel paths.
- **Roughness** - Evenness of pavement for serviceability.
- **Drainage** - Ability of the road surface to drain water based on proper slope.

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

Rating Index Formula

Fatigue, longitudinal, transverse, block, and edge cracking, along with patching and potholes are rated on a 0 - 9 scale (0 = no distress, 9 = maximum distress). The rating given is based on the extent and the severity of the distress. Rutting, roughness, and drainage are rated on a 0 - 3 scale (0 = excellent, 3 = poor). Each distress type has given Remaining Service Life (RSL) values (in years) based on the rating for that particular distress. The distress with the rating resulting in the lowest RSL value is considered to be the governing distress. That value is then assigned as the RSL of the road segment.

Concrete Rating System

Data is collected on the following distresses and conditions:

- **Spalling of Joints** - Chipping, breaking, or cracking of slab edges
- **Joint Seal Damage** - Any damage or condition that enables materials or water to infiltrate into the joint from the surface.
- **Corner Breaks** - A portion of the slab separated by a crack that intersects the adjacent transverse and longitudinal joints, forming approximately a 45° angle to the direction.
- **Broken Slabs** - Faulting and/or cracking localized to individual slabs.

- **Faulting** – Difference in elevation across a crack or joint.
- **Longitudinal Cracking** – Cracks in the pavement running parallel to road.
- **Transverse Cracking** - Cracks in the pavement running perpendicular to the direction of traffic.
- **Patch Deterioration** – Faulting, settling, or cracking of previously placed patch
- **Map Cracking** – A series of cracks that extend only into the upper surface of the Slab

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

Rating Index Formula

The rating procedure for concrete pavement is the same as that for asphalt pavement described previously. Each of the distresses described above are rated on the same 0 – 9 scale. The governing distress is then determined and the RSL associated with that distress is assigned to the road segment.

Gravel and Native Rating System

Data is collected on the following distresses and conditions:

- **Cross Section (Crown)** - Roadway built so that the center is higher than the shoulder, to prevent water from pooling on roadway.
- **Roadside Drainage** - Roadside ditches and culverts to handle water flow and prevent pooling on the roadside.
- **Corrugations (Washboarding)** - Small trenches or holes developing perpendicular to the roadway.
- **Potholes** - Holes or depressions in the roadway.
- **Rutting** - Depressions running parallel with the roadway, in the wheelpaths.
- **Dust** - Amount of dust caused by traffic.
- **Loose Aggregate (Gravel Only)** - Loose gravel, typically piled up on the roadway edges or centerline.

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

Rating Index Formula

The rating procedure for unpaved roads is the same as that for asphalt and concrete pavements described previously. Of the distresses described above, corrugations, potholes, rutting, and loose aggregate are rated on the same 0 – 9 scale previously mentioned. Cross section, roadside drainage, and dust are rated on the same 0 – 3 scale described for asphalt pavement. The governing distress is then determined and the RSL associated with that distress is assigned to the road segment.

Condition Descriptions by Surface Type

The following definitions are used to describe pavement condition for the various surface types. These are general guidelines for condition indications.

Asphalt

Excellent – Recently constructed or overlaid road where construction or overlay was performed correctly- No maintenance required. RSL = 19-20 years.

Good – Low extent longitudinal and transverse cracks. All cracks are 1/4" or less with little or no crack erosion. Patches are in good condition and applied correctly. Routine Maintenance recommended. RSL = 13-18 years.

Fair - Roads are in good structural condition with little or no fatigue cracking. Longitudinal, transverse, and edge cracking is at medium extent and severity. Block cracking is not extensive. Any patches are in good condition. Preventative maintenance recommended. RSL = 7-12 years.

Poor - Road beginning to show signs of structural distress. Fatigue cracking is medium to high extent and medium severity. Cracking will be severe. Surface may have severe block cracking and show. Patches are in fair to poor condition. There is moderate distortion or rutting and occasional potholes. Rehabilitation recommended. RSL = 1-6 years.

Failed - Road is severely deteriorated. Signs of structural failure appear along with severe and extensive fatigue cracking, distortion, potholes, or extensive patches in poor condition. Reconstruction recommended. RSL = 0 years.

Concrete

Excellent - New pavement. No maintenance required. RSL = 19-20 years

Good - First signs of transverse cracking, patch or repair, more extensive pop-outs, or scaling. Sealing or routine maintenance recommended. RSL = 13-18 years.

Fair – Pavement has joint or crack spalling, and/or faulting, along with cracking at corners with broken pieces. Any Patches are in fair condition and faulting is at a minimum. Preventative maintenance recommended. RSL = 7-12 years.

Poor - Joints and cracks are open 1 inch, spalled, or patched. Faulting is more severe. Rehabilitation recommended. RSL = 1-6 years.

Failed - Most slabs have failed structurally, and faulting is severe. Reconstruction recommended. RSL = 0 years.11-9

The following table shows the relationship between RSL and condition.

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE (Asphalt and Concrete Pavements)								
	FAILED	POOR		FAIR		GOOD		EXCELLENT
RSL Years	0	1-3	4-6	7-9	10-12	13-15	16-18	19-20

Gravel and Native

Note - Native surfaces do not have a gravel layer.

Excellent - Newly constructed road that has been constructed properly with proper crown, drainage and gravel layer. Little or no distress. No maintenance recommended. RSL = 8-10 years.

Good - Crown, drainage provisions, and gravel layer are in good condition. Distress limited to traffic effects such as dust, loose aggregate, and low severity corrugations (wash boarding). RSL = 5-7 years.

Fair - Adequate drainage and crown through majority of roadway. Crown repair, ditch improvement may be necessary. Road has more severe corrugations and potholes. Preventative maintenance recommended. RSL = 3-4 years.

Poor - Travel at slow speeds is necessary. Additional gravel layer needed to carry traffic. Poor crown. Ditching is inadequate and rutting is extensive and severe. Rehabilitation recommended. RSL = 1-2 years.

Failed - Travel is difficult, and road may be closed at times. Rutting and Corrugations are very severe. Total Reconstruction of road is recommended. RSL = 0 years.

The following table shows the RSL values for gravel and native roads in terms of excellent, good, fair, poor, and failed condition.

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE (Gravel and Native Surfaces)					
	FAILED	POOR	FAIR	GOOD	EXCELLENT
RSL Years	0	1-2	3-4	5-7	8-10

NATIVE PRIMITIVE/IMPROVED RATING SHEET

Cross Section (Crown)*

Severity	Condition		Description
	No Defects	0	Crown 4-6" with no restriction of water flow from centerline to ditch.
	Minor Defects	1	Inadequate or inconsistent crown. Drainage to ditch may be restricted.
	Moderate Defects	2	Flat crown, drainage to ditch restricted.
	Major Defects	3	Reverse crown, bowl-shaped road, drainage on roadway

Rutting

Severity	Extent (Length)			
	No Defects	Low <10%	Med 10-30%	High >30%
	Low < 6"	1	2	3
	Med 6-12"	4	5	6
	High > 12"	7	8	9

Roadside Drainage*

Severity	Condition		Description
	No Defects	0	Wide, deep ditches (>4') with no restriction to water flow.
	Minor Defects	1	Adequate ditches (>2' deep), minor obstructions restrict water flow.
	Moderate Defects	2	Shallow, narrow and obstructed ditches. Minor erosion of road.
	Major Defects	3	No ditch, drainage on roadway with moderate to severe erosion.

Potholes

Severity	Extent (Area)			
	No Defects	Low <10%	Med 10-30%	High >30%
	Low < 6"	1	2	3
	Med 6-12"	4	5	6
	High > 12"	7	8	9

Dust

Severity	Condition		Description
	No Defects	0	No obstruction to sight distance.
	Minor Defects	1	Sight distance > 550'
	Moderate Defects	2	Sight distance 225'-550'
	Major Defects	3	Sight distance < 225'

Corrugations

Severity	Extent (Length)			
	No Defects	Low <10%	Med 10-30%	High >30%
	Low < 3"	1	2	3
	Med 3-6"	4	5	6
	High > 6"	7	8	9

* Crown and Drainage are not rated for roads that have no constructed crown or drainage. This applies to Native and Gravel roads.

GRAVEL RATING SHEET

Cross Section (Crown)

Severity	Condition		Description
	No Defects	0	Crown 4-6" with no restriction of water flow from centerline to ditch.
	Minor Defects	1	Inadequate or inconsistent crown. Drainage to ditch may be restricted.
	Moderate Defects	2	Flat crown, drainage to ditch restricted.
	Major Defects	3	Reverse crown, bowl-shaped road, drainage on roadway

Rutting

Severity	Extent (Length)			
	No Defects	Low <10%	Med 10-30%	High >30%
	Low < 1"	1	2	3
	Med 1-3"	4	5	6
	High > 3"	7	8	9

Roadside Drainage

Severity	Condition		Description
	No Defects	0	Wide, deep ditches (>4') with no restriction to water flow.
	Minor Defects	1	Adequate ditches (>2' deep), minor obstructions restrict water flow.
	Moderate Defects	2	Shallow, narrow and obstructed ditches. Minor erosion of road.
	Major Defects	3	No ditch, drainage on roadway with moderate to severe erosion.

Potholes

Severity	Extent (Area)			
	No Defects	Low <10%	Med 10-30%	High >30%
	Low < 1"	1	2	3
	Med 1-3"	4	5	6
	High > 3"	7	8	9

Dust

Severity	Condition		Description
	No Defects	0	No obstruction to sight distance.
	Minor Defects	1	Sight distance > 550'
	Moderate Defects	2	Sight distance 225'-550'
	Major Defects	3	Sight distance < 225'

Corrugations

Severity	Extent (Length)			
	No Defects	Low <10%	Med 10-30%	High >30%
	Low < 2"	1	2	3
	Med 2-4"	4	5	6
	High > 4"	7	8	9

* Crown and Drainage are not rated for roads that have no constructed crown or drainage. This applies to Native and Gravel roads.

Loose Aggregate

Severity	Extent (Area)			
	No Defects	Low <10%	Med 10-30%	High >30%
	Low < 1"	1	2	3
	Med 1-3"	4	5	6
	High > 3"	7	8	9

ASPHALT RATING SHEET

Fatigue Cracking

Severity	Extent			
	No Defects	Low 1 crack WP	Med 2 cracks WP	High >30% length
	Low-Cracks < 1/4"	1	2	3
	Med-Cracks 1/4-3/4"	4	5	6
	High-Cracks > 3/4"	7	8	9

Edge Cracking

Severity	Extent (Length)			
	No Defects	Low <10%	Med 10-30%	High >30%
	0-6" from curb	1	2	3
	6-18" from curb	4	5	6
	> 18" from curb	7	8	9

Longitudinal Cracking

Severity	Extent			
	No Defects	Low 1 crack full length	Med 2 cracks full length	High >2 cracks full length
	Low-Cracks < 1/4"	1	2	3
	Med-Cracks 1/4-3/4"	4	5	6
	High-Cracks > 3/4"	7	8	9

Block Cracking

Severity	Extent (Length)			
	No Defects	Low > 15x15' squares	Med 15-10' squares	High <10x10' squares
	Low-Cracks < 1/4"	1	2	3
	Med-Cracks 1/4-3/4"	4	5	6
	High-Cracks > 3/4"	7	8	9

Transverse Cracking

Severity	Extent (ft between cracks)			
	No Defects	Low > 200'	Med 200-50'	High < 50'
	Low-Cracks < 1/4"	1	2	3
	Med-Cracks 1/4-3/4"	4	5	6
	High-Cracks > 3/4"	7	8	9

Utility Cuts

Severity	Extent (Length)			
	No Defects	Low <10%	Med 10-30%	High >30%
	Low-Cracks < 1/4"	1	2	3
	Med-Cracks 1/4-3/4"	4	5	6
	High-Cracks > 3/4"	7	8	9

Drainage/Roughness/Rutting

Severity	Condition		Description
	No Defects	0	Wide, deep ditches with no obstructions, smooth ride, no rutting, no potholes.
	Minor Defects	1	Drainage may be obstructed, < 1" rutting, minor roughness.
	Moderate Defects	2	Poor drainage, 1-2" rutting, noticeable roughness, potholes < 6" wide.
	Major Defects	3	No drainage; > 2" rutting; potholes 6-12" wide create roughness requiring reduced speeds.

CONCRETE RATING SHEET

Spalling of Joints

Extent (% joints)				
No Defects	Low <10%	Med 10-20%	High >20%	
Severity	Low Spalls < 3"	1	2	3
	Med Spalls 3-6"	4	5	6
	High Spalls > 6"	7	8	9

Broken Slabs

Extent (% slabs)				
No Defects	Low <5%	Med 5-15%	High >15%	
Severity	Low-no more than 3 pieces, no spalling/faulting	1	2	3
	Med-broken into >3 pieces, spalling/faulting <1/4"	4	5	6
	High-4 or more pieces, spalling/faulting >1/4"	7	8	9

Transverse Cracks

Extent (% slabs)				
No Defects	Low <10%	Med 10-20%	High >20%	
Severity	Low-Cracks < 1/8"; no spalling/faulting	1	2	3
	Med-Cracks 1/8-1/2"; spall <3", fault >1/4"	4	5	6
	High-Cracks > 1/2"; spall >3", fault >1/4"	7	8	9

Joint Seal Damage

Extent (%joints)				
No Defects	Low <10%	Med 10-20%	High >20%	
Severity	Low <10% joint length	1	2	3
	Med 10-50% joint length	4	5	6
	High >50% joint length	7	8	9

Faulting

Extent (Length)				
No Defects	Low <10%	Med 10-30%	High >30%	
Severity	Low < 1/2"	1	2	3
	Med 1/2-1"	4	5	6
	High > 1"	7	8	9

Patch Deterioration

Extent (Area)				
No Defects	Low <10%	Med 10-30%	High >30%	
Severity	Low-no fault, no settle at perimeter	1	2	3
	Med-fault & settle <1/4" at perimeter	4	5	6
	High-fault & settle >1/4" at perimeter, cracked patch	7	8	9

Corner Breaks

Extent (% of slabs)				
No Defects	Low <10%	Med 10-20%	High >20%	
Severity	Low-corner cracks, no spalling or faulting	1	2	3
	Med-crack slightly spalled & faulted <1/4"	4	5	6
	High-crack highly spalled & faulted >1/4"	7	8	9

Longitudinal Cracks

Extent (% slabs)				
No Defects	Low <10%	Med 10-20%	High >20%	
Severity	Low-Cracks < 1/8"; no spalling/faulting	1	2	3
	Med-Cracks 1/8-1/2"; spall <3", fault >1/2"	4	5	6
	High-Cracks > 1/2"; spall >3", fault >1/2"	7	8	9

Map Cracks

Extent (Area)				
No Defects	Low <10%	Med 10-20%	High >20%	
Severity	Low-small connected cracks, no spalling	1	2	3
	Med-connected cracks, no spalling	4	5	6
	High-large connected cracks with surface spalling	7	8	9

Deficiency Ratings With Associated Remaining Service Life

Asphalt Rating Sheet

Fatigue Cracking		Edge Cracking		Transverse Cracking		Utility Cuts	
Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life
0	20	0	20	0	20	0	20
1	10	1	12	1	14	1	14
2	8	2	10	2	12	2	12
3	6	3	8	3	10	3	10
4	8	4	10	4	12	4	12
5	6	5	8	5	10	5	10
6	4	6	6	6	8	6	8
7	6	7	8	7	10	7	10
8	2	8	6	8	6	8	6
9	0	9	4	9	2	9	2

Longitudinal Cracking		Block Cracking		Drainage/Roughness/Rutting	
Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life
0	20	0	20	0	20
1	14	1	12	1	16
2	12	2	10	2	10
3	10	3	8	3	4
4	12	4	10		
5	10	5	8		
6	8	6	6		
7	10	7	12		
8	8	8	6		
9	6	9	2		

Concrete Rating Sheet

Spalling		Broken Slabs		Transverse Cracks	
Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life
0	20	0	20	0	20
1	15	1	15	1	18
2	12	2	12	2	15
3	10	3	10	3	12
4	12	4	12	4	15
5	10	5	10	5	10
6	8	6	8	6	6
7	10	7	10	7	10
8	6	8	6	8	4
9	0	9	0	9	0

Joint Seal Damage		Faulting		Patch Deterioration	
Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life
0	20	0	20	0	18
1	16	1	15	1	16
2	14	2	12	2	14
3	12	3	10	3	12
4	14	4	12	4	12
5	10	5	8	5	10
6	8	6	6	6	8
7	12	7	10	7	10
8	8	8	4	8	6
9	6	9	0	9	0

Corner Breaks		Longitudinal Cracks		Map Cracks	
Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life
0	18	0	20	0	20
1	16	1	18	1	18
2	14	2	15	2	15
3	12	3	12	3	12
4	12	4	15	4	12
5	10	5	10	5	10
6	8	6	6	6	6
7	10	7	10	7	10
8	6	8	4	8	4
9	0	9	0	9	0

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE IN YEARS (Asphalt & Concrete Roads)

RSL	FAILED 0	POOR 1 - 6	FAIR 7 - 12	GOOD 13 - 18	EXCELLENT 19 - 20
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Deficiency Ratings With Associated Remaining Service Life

Native Primitive Improved Rating Sheet

Cross Section		Rutting		Roadside Drainage	
Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life
0	10	0	10	0	10
1	7	1	9	1	8
2	5	2	7	2	4
3	0	3	5	3	0
		4	7		
		5	4		
		6	3		
		7	4		
		8	2		
		9	0		

Potholes		Dust		Corrugations	
Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life
0	10	0	10	0	10
1	9	1	8	1	9
2	7	2	6	2	7
3	5	3	2	3	7
4	7			4	6
5	4			5	5
6	3			6	5
7	4			7	4
8	2			8	3
9	0			9	0

Gravel Rating Sheet

Cross Section		Rutting		Roadside Drainage	
Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life
0	10	0	10	0	10
1	7	1	9	1	8
2	5	2	7	2	4
3	0	3	5	3	0
		4	7		
		5	4		
		6	3		
		7	4		
		8	2		
		9	0		

Potholes		Dust		Corrugations	
Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life	Distress Rating	Remaining Service Life
0	10	0	10	0	10
1	9	1	8	1	9
2	7	2	6	2	7
3	5	3	2	3	7
4	7			4	6
5	4			5	5
6	3			6	5
7	4			7	4
8	2			8	3
9	0			9	0

Loose Aggregate	
Distress Rating	Remaining Service Life
0	10
1	9
2	8
3	7
4	8
5	7
6	6
7	5
8	3
9	0

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE IN YEARS (Gravel & Native Roads)

RSL	FAILED	POOR	FAIR	GOOD	EXCELLENT
	0	1 - 2	3 - 4	5 - 7	8 - 10